

# Regional Water Use Efficiency Programs Report FY 2017/2018



*Inland Empire Utilities Agency*  
A MUNICIPAL WATER DISTRICT

## *Inland Empire Utilities Agency's Member Agencies:*



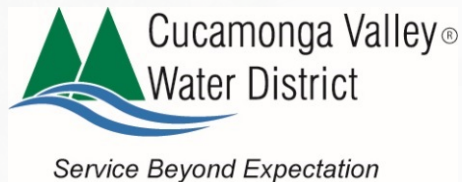
City of Chino



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 2017/2018

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**Preface**  
**Regional Water Use Efficiency Programs**  
**Annual Report**  
**FY 2017-2018**

On May 31, 2018, California enacted two monumental policy bills (AB 1668 and SB 606) that establish the first ever long-term Statewide Water Efficiency Goals to adapt to climate change and more intense droughts. The goal of the new standards is to exceed current State water use reduction objectives (SBX 7-7 / 20% X 2020).

Water use efficiency (WUE) is the most cost-effective source of water for our ratepayers. Inland Empire Utilities Agency (IEUA) and its regional WUE partners work together to meet water supply challenges by developing reliable water supplies. WUE strategies have changed dramatically over the last 10 years as a result of State policies that require mandatory compliance with established water conservation targets. IEUA and its retail members implement strategies that create WUE. This has led to the region's success in exceeding water savings goals with lower than anticipated costs.

Annually, IEUA prepares a comprehensive report that captures all WUE activities that occurred in the previous fiscal year. The report tracks the progress that was made toward goals and objectives outlined in the Regional WUE Business Plan. Member agencies receive a regional WUE summary report as well as service area specific data and activity that provide the foundation for regulatory compliance with State WUE statutes. Moreover, the report serves as a benchmark for assessing and evaluating overall program performance.

IEUA currently offers a suite of WUE programs that are designed to improve individual long-term behavior regarding efficient water use. Over the last fiscal year, there were approximately 49,793 water saving technologies/services deployed throughout the service area. Some of these are:

- ✓ Residential Landscape Design Services
- ✓ Residential Landscape Installation and Retrofit Programs
- ✓ Landscape Evaluations and Consultations
- ✓ Residential Pressure Regulation Program
- ✓ Freesprinklernozzles.com Voucher Program
- ✓ Residential and Commercial 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

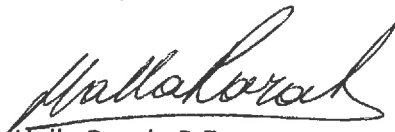
The water savings achieved through these regional WUE activities are 383 acre-feet per year, with an estimated lifetime savings of 3,135 acre-feet. These savings are in addition to IEUA's cumulative lifetime water savings of 141,748 acre-feet for all water efficiency activities since 1992.

Over the last year, the cities of Chino and Chino Hills adopted budget-based rate structures funded through a Proposition 84 – Drought Assistance Grant sponsored by the IEUA and the Santa Ana Watershed Project Authority. An agency adopting a budget-based rate structure may achieve a 15% sustained reduction in urban water use within the first year of adoption. It's estimated that 13,350 acre-feet may be saved in Chino and Chino Hills service areas as a result of this new system. 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,



Halla Razak, P.E.

General Manager

Inland Empire Utilities Agency

**Highlights**  
**Inland Empire Utilities Agency (IEUA)**  
**Regional Water Use Efficiency Programs Report**  
**July 1, 2017 – June 30, 2018**

**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, and rain barrels. IEUA and its member agencies dedicate funding specifically for enhancing MWD's base rebate amounts to attract greater customer participation. Over the last fiscal year, there were approximately 15,435 rebates issued through this program, with an estimated annual water savings of 121 acre-feet and a total savings of 1,214 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 2017-2018, there were 108 retrofits/upgrades completed that included the installation of 159 weather-based irrigation controllers and 2,421 high efficiency sprinkler nozzles representing an estimated water savings of 17 acre-feet per year and 129 acre-feet over the life of the devices. Since program inception, a total of 1,583 site retrofits were completed with annual water savings from device upgrades representing a cumulative total of 907 acre-feet per year and a lifetime savings of 7,771 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 2017-2018, there were 22 training classes conducted, 145 sites evaluated, and 145 automated controllers upgraded. Water savings from these activities are estimated to achieve 7 acre-feet per year and 71 acre-feet over the life of the devices. Since program inception in July 2016, there have been 43 training classes completed and 298 landscape evaluations and smart controller upgrades. Program water savings to date is approximately 13 acre-feet per year with an average lifetime savings of 134.
- **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 397 sites in FY 17/18 with an estimated savings of 47 acre-feet and lifetime savings of 468 acre-feet. To date, this program has replaced 569 PRVs throughout the IEUA service area with projected savings of 72 acre-feet per year and lifetime savings of 718 acre-feet over the life of the devices.

- **FreeSprinklerNozzles.com Voucher Program RES** initially launched in April 2011, this online program enables residential and commercial customers within the Agency's service area, regardless of water provider, to obtain a voucher for free high efficiency irrigation spray nozzles through a web-based portal. These nozzles are proven to provide up to a 20% water savings per head (13 gallons annually). In FY 2017-2018, there were 82 residential vouchers redeemed representing 2,526 nozzles. The estimated annual water savings represents 11 acre-feet with a savings of 56 acre-feet over the life of the devices. Since program inception, a total of 2,214 vouchers have been redeemed by residents representing 60,591 nozzles through local authorized distributors throughout the Agency's service area. The total estimated water savings from the installed devices represents 267 acre-feet per year with a lifetime savings of 1,333 acre-feet.



## 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 for a menu of devices that include plumbing fixtures, landscaping devices, 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. There were approximately 17,028 rebates issued over the last fiscal year with an estimated annual water savings of 90 acre-feet per year and a total savings of 747 acre-feet over the life of the devices.

### ***IEUA Locally Implemented CII WUE Program***

- **FreeSprinklerNozzles.com Voucher Program CII** initially launched in April 2011, this online program enables commercial, industrial, and institutional (CII) customers within the Agency's service area, regardless of water provider, to obtain a voucher for free high efficiency irrigation spray nozzles through a web-based portal. In FY 2017-2018 there were 85 CII vouchers redeemed representing 14,050 nozzles. The estimated annual water savings represents 60 acre-feet with a savings of 299 acre-feet over the life of the devices. Since program inception, a total of 398 vouchers have been redeemed representing 117,535 nozzles through local authorized distributors throughout the Agency's service area. The total estimated water savings from the installed devices represents 470 acre-feet per year with a lifetime savings of 2,350 acre-feet.

### **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 104 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 151 acre-feet if all report recommendations are implemented by the participants. Of the total completed audits, 70 were single family homes and 34 were commercial sites, representing a total irrigated landscaped area of 30 acres.
- **IEUA's Member Agency Administered Program** launched in FY 17/18, 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, there were two projects submitted and approved for funding. A residential parkway turf removal rebate submitted by Cucamonga Valley Water District and a high efficiency nozzle installation project for commercial, industrial, and institutional customers submitted by Monte Vista Water District.
- **SmartScape Landscape Care and Maintenance Program** provides free residential landscaping consultations that include a customized homeowner interview to determine specific customer needs and preferences. SmartScape uses a comprehensive design checklist to ensure that each homeowner's unique landscaping lifestyle needs are met. This Program is administered by the Santa Ana Watershed Project Authority in partnership with its four-member agencies and the Inland Empire WATERKEEPER through a Proposition 84 Grant. Over the last fiscal year there were two site visits completed.
- **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. Since the program launch in February 2018, 14 residential landscape designs were created at a value of \$3,360.



- **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. Dashboards were developed for Monte Vista Water District, and the cities of Chino Hills, Ontario, and Upland and have recently been updated with new tools and efficiency standards.
- **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 year, the cities of Chino and Chino Hills adopted new conservation-based rate structures within their respective service areas. Both cities are currently in the implementation phase of their new rate structures and are receiving funding assistance through the Proposition 84 – Drought Assistance Grant in partnership with IEUA and the Santa Ana Watershed Project Authority.
- **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 six grants to member retail agencies representing a total of \$12,000.



- **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 the basics of efficient irrigation systems, landscape design techniques, plant selection, the benefits of properly watering and fertilizing landscaping, care, maintenance, and composting. 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. Over the last fiscal year, 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. The micro-site can be found at [www.watersavinggardenfriendly.com](http://www.watersavinggardenfriendly.com).

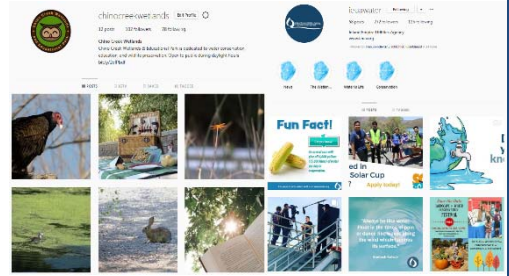
- **Inland Empire Residential Landscape Guidebook** delivers a new approach to landscaping by applying the watershed wise approach. A step-by-step instruction book that includes the "how-tos" on resilient landscape design, building healthy soils, selecting climate-appropriate plants, and installing efficient irrigation systems that create a sustainable, water-wise garden. The Guidebook can be located online at [www.ieua.or/usewaterwisely/landscaping](http://www.ieua.or/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 2017-18, IEUA awarded 12 mini-grants to Arroyo Elementary (Ontario), Briggs Elementary (Chino), Citrus Elementary (Fontana), Country Springs (Chino Hills), Grapeland Elementary (Rancho Cucamonga), Hidden Trails (Chino Hills), Montclair High School (Montclair), Pepper Tree Elementary (Upland), Rolling Ridge Elementary (Chino Hills), Stork Elementary (Rancho Cucamonga), Townsend Junior High (Chino Hills), and Truman Middle School (Fontana). On February 27, 2018, IEUA staff hosted a Project WET and Garden in Every School® Workshop for those schools wishing to apply for a \$4,500 grant for a new garden. Four applications were approved including Valley View High School (Ontario), Upland Elementary (Upland), St. George Parish (Ontario), and Hillside High School (Upland).
- **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 83 shows reaching 20,388 students and 890 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 26 performances, reaching approximately 7,000 students at elementary schools throughout the service area and within the cities of Chino, Chino Hills, Fontana, Ontario, Rancho Cucamonga 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 2017-2018, 4,964 Girl Scouts, Boy Scouts, elementary and high school students took part in the water discovery fieldtrip.



- **Regional Water Conservation Outreach Campaign**

IEUA continues to provide conservation and water-wise outreach messaging to the community through monthly print and online ads including, water softener rebate ads, “No Drugs Down the Drain” ads, Kick the Habit campaign ads that provide water saving tips, etc. IEUA delivers a regional public awareness campaign encouraging the community to “Kick the Habit” of wasting water. The campaign goal is to communicate the message of water-wise use and promote long-term changes in water use habits that will help to ensure the sustainability of the region’s water supply. The campaign features a series of taglines tailored to “season” appropriate tips and messaging. [www.KickWaterWaste.com](http://www.KickWaterWaste.com)



- **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
- City of Chino Day at the LA County Fair
- City of Chino Hills Day at the LA County Fair
- Cucamonga Valley Water District's Earth Day
- Earth Day at the Chino Creek Wetlands and Educational Park
- Compost Awareness Week
- 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 11, 2017. IEUA received an innovation award for the RP-5 Battery Storage Project and former GM Joe Grindstaff received a leadership award.

- **IEUA’s Social Media Outreach**

We continue to offer updates via Facebook, YouTube, Twitter, an educational blog, and Chino Creek Park blog. Additionally, IEUA has created an Instagram page and the Agency, @ieuawater, as well as the Chino Creek Wetlands and Educational Park (CCWEP), @chinocreekwetlands. On the IEUA and CCWEP social media platforms, we are able to 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. Two winners were chosen from IEUA’s service area for the MWD contest: Sunny Lin (7<sup>th</sup> grade-Townsend Jr. High—Chino Hills) and Alyssa Vallejo (9<sup>th</sup> grade- Don Lugo High School-Chino). The winners were recognized at MWD’s awards ceremony in December 2017 and their artwork was featured in the 2018 “Water is Life” calendar.



- **The Solar Cup Competition**

was held on May 18-20<sup>th</sup>, 2018 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. IEUA co-sponsored three teams that include: Chino High School, located in Chino, co-sponsored with the city of Chino; Los Osos High School (city of Rancho Cucamonga), co-sponsored with the Cucamonga Valley Water District; and Upland High School (city of Upland), co-sponsored with the city of Upland. The 2018 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 1st Place Public Service Message – Inland Region
  - o 2nd Place Sprint Race – Inland Region
  - o 6th Place Overall – Veterans and Rookies
- Upland High School (Rookie)
  - o Overall “Hottest Looking Boat” – Rookie Division
  - o 1st Place Endurance Race – Rookie Division
  - o 2nd Place Overall – Rookie Division
  - o 11th Place Overall – Veterans and Rookies
- Los Osos High School (Veteran)
  - o 1st Place for Technical Reports – Foothill Region
  - o 2nd Place Endurance Race – Foothill Region
  - o 15th 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.

There were five submittals for the broadcast media contest and four awards were given. There were 21 digital art submittals and 3 awards were given. The Water Scholar Program Scholarship provides \$1,500 to high school students who plan to attend a two- or four-year college.

- **IEUA Water Softener Rebate Program** The goal of this project is to remove residential self-regenerating water softeners within the service area of IEUA and customers are incentivized through a rebate. For FY 16/17 50 water softeners have been removed and customers have received \$25,978.12 in incentives. Over the course of the program, 856 water softeners have been removed and \$508,809.72 in incentives has been paid to program participants. The removal of these devices will save approximately 16.287 acre-feet of water per year in addition to the removal of more than 197.736 tons of salt.
- **Landscape and Water Conservation Festival** was held on October 10, 2017 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. Attendees included: over 600 people, 44 exhibitors and 52 volunteers.



## IEUA MEMBER AGENCY CONTACT LIST



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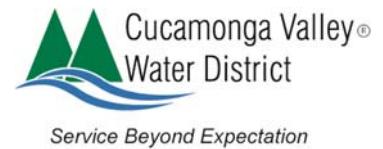


### **City of Upland**

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**INLAND EMPIRE UTILITIES AGENCY**  
Annual Water Use Efficiency Programs Report  
FY 2017-2018





## 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 WaterSmart 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 WaterSmart 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 Mult-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>\$89,030</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 2017/18

Activity	Metric	FY 2017-2018 Goal	FY 2017-2018 Actual	Variance
<b>SoCal WaterSmart Residential Rebates</b>				
High Efficiency Toilets (HET)	Devices	0	705	705
High Efficiency Clothes Washers (HECW)	Devices	500	923	423
Rotating Nozzles for Pop-up Spray Heads	Devices	11,000	13,442	2,442
Weather based Irrigation Controllers (WBIC)	Devices	50	311	261
Turf Removal	Sq. Ft.	0	0	0
Rain Barrels	Devices	50	19	-31
Cisterns	Devices	0	35	35
Soil Moisture Sensor Systems	Devices	0	0	0
<b>IEUA Locally Implemented Residential Programs</b>				
FreeSprinklerNozzles.com Program	Devices	50,000	2,526	-47,474
Residential Landscape Retrofit Program	Sites	250	108	-142
Res Education, Survey, and Controller Upgrade Program	Sites	500	145	-355
Residential Pressure Regulation Program	Devices	0	397	397
<b>SoCal WaterSmart Commercial Rebates</b>				
High Efficiency Toilets (HET)	Devices	0	747	747
Waterless Urinals	Devices	0	0	0
Cooling Tower Controller	Devices	10	0	-10
Weather Based Irrigation Controllers (WBIC)	Devices	50	47	-3
Rotating Nozzles for Pop-up Spray Heads	Devices	11,000	14,870	3,870
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	1	1
Turf Removal	Sq. Ft.	0	0	0
Soil Moisture Sensor Systems	Devices	0	0	0
Plumbing Flow Control	Devices	0	1,363	1,363
ULFV	Devices	0	0	0
<b>IEUA Locally Implemented Commercial Programs</b>				
FreeSprinklerNozzles.com Program	Devices	11,000	14,050	3,050

**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	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	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 2017-2018**

<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>	Turf Removal Parkway Rebate Program	\$12,820.50
<i>Fontana Water Company</i>	N/A	N/A
<i>Monte Vista Water District</i>	Commercial High Efficiency Nozzle Retrofit Program	\$25,000.00
<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>2</b>	<b>\$37,820.50</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>	Conservation Based Rate Structure - Implementation Phase	\$52,710.95
<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>	N/A	N/A
<i>City of Ontario</i>	Water and Wastewater Rate Study	\$22,288.95
<i>San Antonio Water Company</i>	N/A	N/A
<i>City of Upland</i>	N/A	N/A
<b>Total</b>	<b>2</b>	<b>\$74,999.90</b>

<b>Landscape Design Services</b>		
<b>Member Agency</b>	<b>Sites</b>	<b>Amount</b>
<i>City of Chino</i>	1	\$240
<i>City of Chino Hills</i>	1	\$240
<i>Cucamonga Valley Water District</i>	3	\$720
<i>Fontana Water Company</i>	2	\$480
<i>Monte Vista Water District</i>	1	\$240
<i>City of Ontario</i>	3	\$720
<i>San Antonio Water Company</i>	0	\$0
<i>City of Upland</i>	3	\$720
<b>Total</b>	<b>14</b>	<b>\$3,360</b>

## CBWCD - Landscape Evaluation Program Performance

### 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>

### 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>

## CBWCD - Landscape Evaluation Program Performance

### 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>

### 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>

## CBWCD - Landscape Evaluation Program Performance

### 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>

### 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>

## CBWCD - Landscape Evaluation Program Performance

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 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
FY 15-16		
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>

## Summary of IEUA Sponsored Residential Landscape Classes

FY 2014/15

Member Agency	Class Description	# of Classes
FY 14-15		
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

Member Agency	Class Description	# of Classes
<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

Member Agency	Class Description	# of Classes
<b>FY 12-13</b>		
City of Chino Hills	The Basics	1
City of Ontario	Landscape Design and Preparation Water Wise Worskhops (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
FY 11-12		
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

## Summary of IEUA Sponsored Residential Landscape Classes

### 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>

### FY 2010/11

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

## Summary of IEUA Sponsored Residential Landscape Classes

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 2002-2018

Program	# Schools	# Students	# Teachers	Funding
FY 17-18				
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
FY 16-17				
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
FY 15-16				
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
FY 14-15				
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
FY 13-14				
National Theatre for Children	53	25,119	839	\$ 53,800
Garden In Every School	*23	16,500	50	\$ 16,237
FY 12-13				
National Theatre for Children	54	28,350	1,140	\$ 51,100
Garden In Every School	4	11,008	167	\$ 30,000
FY 11-12				
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
FY 10-11				
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
FY 09-10				
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
FY 08-09				
National Theatre for Children	50	51,285	939	\$ 46,400
Garden In Every School	6	2,969	158	\$ 27,000
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>872</b>	<b>481,034</b>	<b>16,778</b>	<b>\$ 1,220,595</b>
*\$1,000 mini-grant awarded to participating schools to support the sustainability of existing gardens				

## Garden In Every School® Program Participants

**2004-2018**

<b>Schools &amp; City</b>
<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.
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## 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

Schools & City
<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 17-18	
Retail Agency	Amount
City of Chino	\$2,000.00
City of Chino Hills	\$2,000.00
Cucamonga Valley Water District	\$4,000.00
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>\$12,000.00</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>

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>

## BMP Support Grant Summary

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>

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>

## BMP Support Grant Summary

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>

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>

## BMP Support Grant Summary

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 2017-2018**



## 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 WBI)	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
Subtotal	82	649,779	2	40	\$0	\$4,800	\$3,200	\$8,000	
<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>	

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

## 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 Multi-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 =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

## 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 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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	3	5	1,152	62
<i>Shows That Teach</i>	2	4	1,250	N/A

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

	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>	7	0	\$1,575.00
<i>Landscape Design Services</i>	1	0	\$240

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$3,638.42
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$500.00

	Fiscal Year	Amount	
<i>BMP Support Grant</i>	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2017-18</b>				
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>
<b>FY 2016-17</b>				
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>
<b>FY 2015-16</b>				
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>
<b>FY 2014-15</b>				
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>
<b>FY 2013-14</b>				
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>1,082</b>	<b>62</b>	<b>\$ 4,968.46</b>
<b>FY 2012-13</b>				
National Theater for Children	5	2,490	90	\$ 4,730.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>2,490</b>	<b>90</b>	<b>\$ 4,730.00</b>
<b>FY 2011-12</b>				
National Theater for Children	6	2,203	94	\$ 5,896.14
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>6</b>	<b>2,203</b>	<b>94</b>	<b>\$ 5,896.14</b>
<b>FY 2010-11</b>				
National Theater for Children	5	1,845	73	\$ 4,913.57
Garden In Every School	2	1,922	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
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>
<b>FY 2008-09</b>				
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>
<b>FY 2007-08</b>				
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>
<b>FY 2006-07</b>				
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>	
<b>FY 2005-06</b>				
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>	
<b>FY 2004-05</b>				
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>	
<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>2002-2018 Totals</b>	<b>54</b>	<b>24,216</b>	<b>956</b>	<b>\$ 85,721.18</b>



FY 17/18

## 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	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	0.1	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 system 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 HILLS**  
**Annual Water Use Efficiency Programs Report**  
**FY 2017-2018**



## 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 WE)	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>	

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

## 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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	4	6	1,415	60
<i>Shows That Teach</i>	2	4	1,166	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	4	2,779	107

	Project	Amount
<i>WUE Support Tools</i>	Conservation Based Rate Structure - Implementation Phase	\$52,710.95
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	12	33	\$10,125.00
<i>Landscape Design Services</i>	1	0	\$240

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$3,544.20
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>

City of Chino Hills  
Water Education/Community Outreach Program Results  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2017-18</b>				
National Theater for Children	4	1,415	60	\$ 4,160.00
Garden In Every School	4	2779	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	1587	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>				
National Theater for Children	5	2,340	81	\$ 4,730.00
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
Garden In Every School	N/A	N/A	N/A	
<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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
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>
<b>FY 2008-09</b>				
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>
<b>FY 2007-08</b>				
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>
<b>FY 2006-07</b>				
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>
<b>FY 2005-06</b>				
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>
<b>FY 2004-05</b>				
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>
<b>FY 2003-04</b>				
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>
<b>FY 2002-03</b>				
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>2002-2018 Totals</b>	<b>122</b>	<b>59,176</b>	<b>2,276</b>	<b>\$ 170,152.21</b>

FY 17/18

## 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	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	0.1	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.
City of Chino Hills	Carriage Hills HOA		14	Chino Hills	65%	15.00	17147	13274	8.90	Installation of pressure regulators to help with high pressure. Installatinon of flow sensors to stop waste from irrigation breaks. Input irriagation schedule.
City of Chino Hills	Chino Hills Public Works		4	Chino Hills	71%	5.81	9415	9138	0.37	Adjust the irrigation to the one provided in the report

FY 17/18

## 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	Chino Hills Public Works		4	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	Chino Hills Public Works		1	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	Chino Hills Public Works		4	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	Chino Hills Public Works		1	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	Chino Hills Public Works		1	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	Chino Hills Public Works		1	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	Chino Hills Public Works		1	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	Chino Hills Public Works		2	Chino Hills	57%	3.70	4825	5020	0.00	Repair broken irrigaiton detailed in the report and adjust irrigation to schedule providee

**CITY OF ONTARIO**  
**Annual Water Use Efficiency Programs Report**  
**FY 2017-2018**



## 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 WE)	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 WaterSmart 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 WaterSmart 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>	

<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 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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	14	25	6,544	287
<i>Shows That Teach</i>	3	6	1,745	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	1	410	18

	Project	Amount
<i>WUE Support Tools</i>	Water and Wastewater Rate Study	\$22,288.95
<i>MA Locally Implemented Programs</i>	N/A	N/A

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	4	10	\$3,150
<i>Landscape Design Services</i>	3	0	\$720

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$4,441.80
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$500.00

	Fiscal Year	Amount	
<i>BMP Support Grant</i>	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2017-18</b>				
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>
<b>FY 2016-17</b>				
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>
<b>FY 2015-16</b>				
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>
<b>FY 2014-15</b>				
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>
<b>FY 2013-14</b>				
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>
<b>FY 2012-13</b>				
National Theater for Children	14	7,180	332	\$ 13,244.00
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>
<b>FY 2011-12</b>				
National Theater for Children	11	4,919	217	\$ 10,809.59
Garden In Every School	1	50	4	\$ 7,500.00
<b>TOTAL</b>	<b>12</b>	<b>4,969</b>	<b>221</b>	<b>\$ 18,309.59</b>
<b>FY 2010-11</b>				
National Theater for Children	11	5,000	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	8	3,520	131	\$ 7,792.00
Garden In Every School	1	849	37	\$ 2,750.00
<b>TOTAL</b>	<b>9</b>	<b>4,369</b>	<b>168</b>	<b>\$ 10,542.00</b>
<b>FY 2008-09</b>				
National Theater for Children	7	2,910	116	\$ 6,496.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>2,910</b>	<b>116</b>	<b>\$ 6,496.00</b>
<b>FY 2007-08</b>				
National Theater for Children	6	3,207	103	\$ 6,162.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>6</b>	<b>3,207</b>	<b>103</b>	<b>\$ 6,162.00</b>
<b>FY 2006-07</b>				
National Theater for Children	7	3,960	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>4,140</b>	<b>32</b>	<b>\$ 15,840.00</b>
<b>FY 2005-06</b>				
National Theater for Children	9	4,510	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>4,705</b>	<b>200</b>	<b>\$ 18,040.00</b>
<b>FY 2004-05</b>				
National Theater for Children	10	4,089	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>4,099</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>2002-2018 Totals</b>	<b>162</b>	<b>75,194</b>	<b>2,976</b>	<b>\$ 195,222.44</b>

FY 17/18

## 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	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 sprinklers, 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



**CITY OF UPLAND**  
**Annual Water Use Efficiency Programs Report**  
**FY 2017-2018**



## 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	4	5	739	35
<i>Shows That Teach</i>	2	4	839	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	1	812	32

	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>	30	1	\$6,975
<i>Landscape Design Services</i>	3	0	\$720

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$3,544.20
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>	



City of Upland  
Water Education/Community Outreach Program Results  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>1,395</b>	<b>60</b>	<b>\$ 6,067.92</b>
<b>FY 2012-13</b>				
National Theater for Children	2	835	35	\$ 1,892.00
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
Garden In Every School	1	3608	141	\$ 7,500.00
<b>TOTAL</b>	<b>2</b>	<b>3,673</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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
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>1,466</b>	<b>63</b>	<b>\$ 4,948.00</b>
<b>FY 2008-09</b>				
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>
<b>FY 2007-08</b>				
National Theater for Children	2	1,145	37	\$ 2,054.00
Garden In Every School	1	782	67	\$ 7,776.00
<b>TOTAL</b>	<b>3</b>	<b>1,927</b>	<b>104</b>	<b>\$ 9,830.00</b>
<b>FY 2006-07</b>				
National Theater for Children	8	3,002	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>3,242</b>	<b>138</b>	<b>\$ 12,008.00</b>
<b>FY 2005-06</b>				
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>1,120</b>	<b>45</b>	<b>\$ 3,560.00</b>
<b>FY 2004-05</b>				
National Theater for Children	7	2,911	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>3,396</b>	<b>135</b>	<b>\$ 11,644.00</b>
<b>FY 2003-04</b>				
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>
<b>FY 2002-03</b>				
Think Earth! It's Magic	2	1,327	58	\$ 5,308.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>2</b>	<b>1,327</b>	<b>58</b>	<b>\$ 5,308.00</b>
<b>2002-2018 Totals</b>	<b>68</b>	<b>29,680</b>	<b>1,213</b>	<b>\$ 90,263.60</b>

FY 17/18

## 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	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 areas. Input irriagation schedule provided in the report.
City of Upland	Mowjood	1		Upland	N/A					
City of Upland	Zbinden	1		Upland	N/A					
City of Upland	Capalbo	1		Upland	N/A	0.13	465	200	0.27	Implement the irrigation schedule provided in the report. Make proper repairs listed out in the report
City of Upland	Law	1		Upland	N/A	0.07	356	110	0.25	Make proper irrigation reparis listed in LEAP report.
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 irriagtion 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.

FY 17/18

## 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	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.

FY 17/18

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	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	Upland	N/A	0.64	2393	808	3.64	Repair irrigation per the report and input the schedule provided by the report

**CUCAMONGA VALLEY WATER DISTRICT**  
Annual Water Use Efficiency Programs Report  
FY 2017-2018



*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 2017-2018</b>									
<b>SoCal WaterSmart 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 WE)	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 WaterSmart 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 WaterSmart 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
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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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>17,635</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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	11	17	4,120	172
<i>Shows That Teach</i>	3	6	1,365	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	2	1,416	54

	Project	Amount
<i>WUE Support Tools</i>	N/A	N/A
<i>MA Locally Implemented Programs</i>	Turf Removal Parkway Rebate Program	\$12,820.50

	Residential	Commercial	Amount
<i>Landscape Evaluation &amp; Audit Program</i>	5	1	\$1,350
<i>Landscape Design Services</i>	1	2	\$720

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$5,309.65
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$715.82

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>

Cucamonga Valley Water District  
Water Education/Community Outreach Program Results  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2017-18</b>				
National Theater for Children	11	4,120	172	\$ 11,440.00
Garden In Every School	2	1,416	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>
<b>FY 2016-17</b>				
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>
<b>FY 2015-16</b>				
National Theater for Children	17	8,751	332	\$ 17,600.00
Garden In Every School	2*	2,328	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>
<b>FY 2014-15</b>				
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>
<b>FY 2013-14</b>				
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>6,830</b>	<b>275</b>	<b>\$ 19,665.84</b>
<b>FY 2012-13</b>				
National Theater for Children	11	5,280	241	\$ 10,406.00
Garden In Every School	1	1331	55	\$ 4,500.00
<b>TOTAL</b>	<b>12</b>	<b>6,611</b>	<b>296</b>	<b>\$ 14,906.00</b>
<b>FY 2011-12</b>				
National Theater for Children	15	6,588	242	\$ 14,740.35
Garden In Every School	1	3,365	122	\$ 7,500.00
<b>TOTAL</b>	<b>16</b>	<b>9,953</b>	<b>364</b>	<b>\$ 22,240.35</b>
<b>FY 2010-11</b>				
National Theater for Children	12	5,978	212	\$ 11,792.28
Garden In Every School	1	3,071	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	17	8,200	355	\$ 16,558.00
Garden In Every School	1	690	35	\$ 3,250.00
<b>TOTAL</b>	<b>18</b>	<b>8,890</b>	<b>390</b>	<b>\$ 19,808.00</b>
<b>FY 2008-09</b>				
National Theater for Children	15	7,965	308	\$ 13,920.00
Garden In Every School	4	1,852	104	\$ 18,000.00
<b>TOTAL</b>	<b>19</b>	<b>9,817</b>	<b>412</b>	<b>\$ 31,920.00</b>
<b>FY 2007-08</b>				
National Theater for Children	7	3,741	121	\$ 9,243.00
Garden In Every School	1	603	13	\$ 7,776.00
<b>TOTAL</b>	<b>1</b>	<b>4,344</b>	<b>134</b>	<b>\$ 7,776.00</b>
<b>FY 2006-07</b>				
National Theater for Children	8	4,584	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>5,330</b>	<b>168</b>	<b>\$ 27,500.00</b>
<b>FY 2005-06</b>				
National Theater for Children	11	5,319	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>5,910</b>	<b>236</b>	<b>\$ 21,276.00</b>
<b>FY 2004-05</b>				
National Theater for Children	10	4,570	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>5,910</b>	<b>236</b>	<b>\$ 18,280.00</b>
<b>FY 2003-04</b>				
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>
<b>FY 2002-03</b>				
Think Earth! It's Magic	7	2,984	130	\$ 11,936.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>2,984</b>	<b>130</b>	<b>\$ 11,936.00</b>
<b>2002-2018 Totals</b>	<b>190</b>	<b>105,628</b>	<b>4,082</b>	<b>\$ 280,478.53</b>

FY 17/18

## 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	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
Cucamonga Valley Water District	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.
Cucamonga Valley Water District	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
Cucamonga Valley Water District	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
Cucamonga Valley Water District	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
Cucamonga Valley Water District	Management		1	Rancho Cucamonga	N/A	1.28	2227	1569	0.88	



**FONTANA WATER COMPANY**  
Annual Water Use Efficiency Programs Report  
FY 2017-2018



# 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 WaterSmart 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 WBI)	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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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>	

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

# 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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	7	12	2,968	122
<i>Shows That Teach</i>	1	2	510	N/A

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	2	2,064	104

	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>	2	0	\$480.00

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$3,710.64
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$582.62

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>



Fontana Water Company  
Water Education/Community Outreach Program Results  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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	2,061	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>6,297</b>	<b>227</b>	<b>\$ 14,150.90</b>
<b>FY 2012-13</b>				
National Theater for Children	5	3,680	165	\$ 4,730.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>3,680</b>	<b>165</b>	<b>\$ 4,730.00</b>
<b>FY 2011-12</b>				
National Theater for Children	4	2,098	79	\$ 3,960.76
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>4</b>	<b>2,098</b>	<b>79</b>	<b>\$ 3,960.76</b>
<b>FY 2010-11</b>				
National Theater for Children	9	4,186	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
FY 2009-10				
National Theater for Children	9	3,710	155	\$ 8,766.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>9</b>	<b>3,710</b>	<b>155</b>	<b>\$ 8,766.00</b>
FY 2008-09				
National Theater for Children	12	6,215	239	\$ 11,136.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>12</b>	<b>6,215</b>	<b>239</b>	<b>\$ 11,136.00</b>
FY 2007-08				
National Theater for Children	14	7,559	243	\$ 14,378.00
Garden In Every School	1	200	9	\$ 7,776.00
<b>TOTAL</b>	<b>15</b>	<b>7,759</b>	<b>252</b>	<b>\$ 22,154.00</b>
FY 2006-07				
National Theater for Children	9	2,946	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>3,006</b>	<b>77</b>	<b>\$ 11,784.00</b>
FY 2005-06				
National Theater for Children	15	6,500	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>6,545</b>	<b>284</b>	<b>\$ 26,000.00</b>
FY 2004-05				
National Theater for Children	9	4,177	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>4,242</b>	<b>182</b>	<b>\$ 16,708.00</b>
FY 2003-04				
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>
FY 2002-03				
Think Earth! It's Magic	3	2,088	102	\$ 8,352.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>3</b>	<b>2,088</b>	<b>102</b>	<b>\$ 8,352.00</b>
<b>2002-2018 Totals</b>	<b>159</b>	<b>79,635</b>	<b>3,108</b>	<b>\$ 215,212.67</b>

FY 17/18

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
Fontana Water Company	Campbell	1		Fontana	N/A	0.04	149	77	0.16	Make nessecary irrigation repairs to eliminate water waste.

**MONTE VISTA WATER DISTRICT**  
**Annual Water Use Efficiency Programs Report**  
**FY 2017-2018**



## 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 WaterSmart 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 WE)	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 WaterSmart 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 WaterSmart 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	656492.96	2	15	\$7,113	\$103	\$7,009	\$14,225	9.5
Residential Education, Survey, and Controller Upgrade Program	41	553182.66	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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 17/18**

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	7	13	3,450	152
<i>Shows That Teach</i>	0	0	0	N/A

	Garden(s)	Students	Teachers
	<i>Garden In Every School (GIES)</i>	2	3,702

	Project	Amount
	<i>WUE Support Tools</i>	N/A
<i>MA Locally Implemented Programs</i>	Commercial High Efficiency Nozzle Retrofit Program	\$25,000.00

	Residential	Commercial	Amount
	<i>Landscape Evaluation &amp; Audit Program</i>	7	1
<i>Landscape Design Services</i>	1	0	\$240

	Fiscal Year	Amount
	<i>Cal Water Efficiency Partnership Dues</i>	2017-2018
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$500.00

	Fiscal Year	Amount
	<i>BMP Support Grant</i>	2017-2018
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>		

Monte Vista Water District  
Water Education/Community Outreach Program Results  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2017-18</b>				
National Theater for Children	7	3,450	152	\$ 7,280.00
Garden In Every School	2	3,702	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	2,917	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>3,315</b>	<b>111</b>	<b>\$ 7,669.45</b>
<b>FY 2012-13</b>				
National Theater for Children	7	4,345	196	\$ 6,622.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>7</b>	<b>4,345</b>	<b>196</b>	<b>\$ 6,622.00</b>
<b>FY 2011-12</b>				
National Theater for Children	7	4,250	173	\$ 6,878.83
Garden In Every School	1	702	30	\$ 7,500.00
<b>TOTAL</b>	<b>8</b>	<b>4,952</b>	<b>203</b>	<b>\$ 14,378.83</b>
<b>FY 2010-11</b>				
National Theater for Children	6	2,940	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  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2009-10</b>				
National Theater for Children	8	3,728	169	\$ 7,792.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>8</b>	<b>3,728</b>	<b>169</b>	<b>\$ 7,792.00</b>
<b>FY 2008-09</b>				
National Theater for Children	5	2,280	93	\$ 4,640.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>5</b>	<b>2,280</b>	<b>93</b>	<b>\$ 4,640.00</b>
<b>FY 2007-08</b>				
National Theater for Children	4	2,290	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	2,430	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>2,774</b>	<b>119</b>	<b>\$ 9,720.00</b>
<b>FY 2004-05</b>				
National Theater for Children	8	3,021	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>3,061</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>2002-2018 Totals</b>	<b>96</b>	<b>52,183</b>	<b>2,140</b>	<b>\$ 126,595.86</b>

FY 17/18

## 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	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.
Monte Vista Water District	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 irriagation schedule provided in report.
Monte Vista Water District	Montoya	1		Chino	N/A	0.2	154	250	0.00	Improve irrigation coverage to limit run off. Install a irrigaiton controler to prevent overwatering through the practice of manual watering
Monte Vista Water District	Lawson	1		Chino	N/A	0.67	1223	822	0.92	Repair broken equipment highlighted in the report. Input irrigation schedule provided in report.
Monte Vista Water District	Preciado	1		Montclair	N/A	0.03	128	46	0.19	Adjust system to the schedule provided with the report
Monte Vista Water District	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
Monte Vista Water District	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.
Monte Vista Water District	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.

**SAN ANTONIO WATER COMPANY**  
Annual Water Use Efficiency Programs Report  
FY 2017-2018



# 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 WaterSmart 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 WBI)	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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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.)	0	238,816	0.73	7.33	\$0	\$2,356	\$1,571	\$3,926	10.7
<b>Subtotal</b>	<b>0</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>0</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>	

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



# 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

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)	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 17/18**

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>	N/A	N/A	N/A

	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	0	\$900
<i>Landscape Design Services</i>	0	0	\$0

	Fiscal Year	Amount
<i>Cal Water Efficiency Partnership Dues</i>	2017-2018	\$0.00
<i>Alliance for Water Efficiency Dues</i>	2017-2018	\$500.00

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>	

San Antonio Water Company  
Water Education/Community Outreach Program Results  
2002-2018 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>				
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 2011-12</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 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  
 2002-2018 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>2002-2018 Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>



FY 17/18

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	Darwish	1		Upland	N/A					
San Antonio Water Company	Polk	1		Upland	N/A					
San Antonio Water Company	Woodward	1		Upland	N/A	0.24	376	365	0.02	Input reccomoneded irrigation schedule. Make repairs shown in the report.
San Antonio Water Company	Abraham	1		Upland	N/A	0.13	167	198	0.00	Input reccomoneded irrigation schedule. Make repairs shown 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)
<b>Gallons per Capita per Day (GPCD)</b>	251	226	201

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

	2017/18 Actual GPCD	2020 GPCD
Projected GPCD reduction from WUE Active and Passive Activities	15	29 – 46*
Projected GPCD reduction from Recycled Water Supply	27	31
TOTAL Projected GPCD Reduction	42	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

\*\*\* 2016/17 GPCD numbers are reported actuals

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

<b>Fiscal Year</b>	<b>GPCD without WUE &amp; Recycled Water</b>	<b>Water Use Efficiency</b>	<b>Recycled Water</b>	<b>Actual GPCD*</b>
<b><i>UWMP 2010 Baseline</i></b>				<b><i>251</i></b>
2009-10	235	6	10	219
2010-11	221	7	12	202
2011-12	234	7	15	212
2012-13	243	8	18	217
2013-14	250	9	21	220
<b><i>UWMP 2015 Target</i></b>				<b><i>218</i></b>
2014-15	219	10	21	188
2015-16	187	13	20	154
2016-17	202	14	22	167
2017-18	221	15	27	179
<b><i>UWMP 2020 Target</i></b>				<b><i>194</i></b>
2020	226	29	31	167

## **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**

**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 17/18 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase**

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 precipitation nozzles. Eliminate 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 inputting the provided 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 system 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 overspray 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 unnecessary 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 unnecessary 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 eliminate 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.

FY 17/18 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase**

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 irrigation detailed in the report and adjust irrigation to schedule provided
City of Chino Hills	City of Chino Hills Public Works	1 (CII)		Chino Hills	71%	2.72	3585	3458	0.17	Repair broken irrigation detailed in the report and adjust irrigation to schedule provided
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 irrigation detailed in the report and adjust irrigation to schedule provided
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 necessary 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 management in the front yard. Refer to irrigation 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 irrigation controller 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



FY 17/18 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase**

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 (CII)		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 (CII)		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 (CII)		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 (CII)		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 (CII)		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					

FY 17/18 **Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase**

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	Watkins	1		Upland	N/A	0.31	788	543	0.25	Adjust irrigation schedule to the one provided in the report. Make proper irrigation 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 irrigation system before water conservation practices can be realized.
City of Upland	Sanchez	1		Upland	N/A	0.09	166	142	0.00	Make necessary repairs in the backyard to eliminate water waste. Input the irrigation 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 necessary 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 necessary 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 necessary 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 necessary 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 necessary 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 irrigation schedule to one provided. Repair irrigation 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 necessary 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 necessary 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 irrigation 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 front yard. 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 provided by the report

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City of Chino	Gonzaga, Natalie	1	6584 Angelina Ct.	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 Watson	1	6860 Meadow Lark Ln	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 Yennie	1	13415 Wisteria Place	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, Dalia	1	15471 Quiet Oak Drive	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, Rene	1	5884 Park Crest Drive	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 Hernandez	1	15424 Ficus St	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 Sanchez	1	3160 Venezia Terrace	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, Ramon	1	13153 Sylvaner Ct	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, Mary Ann	1	9593 Cedar Glen Place	Rancho Cucamonga	65%	0.09	88	113	0.00	Use side strip nozzles, improve DU
CVWD	Domena, Al	1	6740 Klusman Ave	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, Eva	1	5771 Santa Fe Ct	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, Pureza	1	7216 Aloe Court	Rancho Cucamonga	No Test	0.04	111	46	0.15	get pressure regulator, remove sprinklers, use VANS, fix broken sprinklers
CVWD	Knauer, Eugene	1	6432 Kirkwood Ave	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, Sharon	1	5579 Malachite Ave	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, Kris	1	6056 Aquamarine Ave	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, Millie	1	9975 Cordon Court	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	Paoprathid, Ratana	1	10346 Vista Grove St.	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, Bill	1	11551 Candela Dr.	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 Morrison	1	8986 Whirlaway ct.	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, Nancy	1	12105 Kadota Ave	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, Romulo	1	4470 El Morado St.	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 Lambert	1	4861 Fauna St	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 Lourdes	1	9133 Camules Ave	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 Hogan	1	5170 Fauna	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, Marisol	1	5401 Tenderfoot Drive	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, Martin	1	17222 Russo Ct.	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, Derek	1	9079 Dumond Dr.	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, Maria	1	634 Amador Ave	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, CJ	1	3043 Centurion Place	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 Angel, MaryAnn	1	845 W. H St.	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 Hamilton	1	863 W. Granada ct	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 - Reyes, Javier	<u>CII (7)</u>	4105 Inland Empire Blvd	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, Isabel	1	2428 Highland Road	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, Colleen	1	2026 Springland Lane	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, Robert	1	1125 E. 13 <sup>th</sup> St	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, Bob	1	1627 N 1st Ave	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, William	1	1712 Partridge ave	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, Adrian	1	819 Linden Ct.	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, Chris	1	1582 North Maywood Ave	Upland		0.06	192	190	0.00	Fix any leaks or breaks, separate plant and turf material on two different stations, improve layout of sprinklers, cap unnecessary sprinklers and emitters

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City of Chino	Mariela, Carry	1	13720 Dogwood Ct	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, Wytke	1	6846 Cardinal Court	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, Bob	1	12565 Strawberry Pl	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, Lidia	1	5949 Garfield St	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	Curran, Danielle - Cypress Creek HOA	1	12770 Quince Ave	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	Weaver, Kevin- Ivy at College Park	1	5906 Notre Dame Ave	Chino	No Test	1.07	2505	1320	2.72	Use mulch, cut back on watering days
City of Chino Hills	McCarthy, Mary	1	15327 Turquoise Circle North	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, Ravi	1	15101 Calle Verano	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, Manuel	1	5171 Copper Road	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, Dan	1	16282 Annatoo Court	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, Fortino	1	4222 El Molino Blvd	Chino Hills		0.08	13	98	0.00	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Sorrentino, Mike	1	3572 Garden Court	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, Arthur	1	3412 Dynelo Ave	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, Sel	1	1395 Cherry Hill Way	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, Srinivas	1	17838 Antherium Drive	Chino Hills	63%					add some sprinklers for better coverage, use mulch, convert planter to microspray, adjust sprinklers to reduce overspray
CVWD	De La Cruz, Jeff	1	13360 Harper Pl	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	Bardollar, James	1	10543 Merlot Ct	Rancho Cucamonga	No Test	0.04	131	45	0.20	Use side strip nozzles, improve DU
CVWD	Giordano, Tony	1	11520 Mammoth Peak Ct	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, Bonnie	1	8544 Jasper St	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, Hai	1	10000 La Vine Street	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, Amy	1	1644 N Hacienda Dr	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, Jose	1	11680 Celebration Drive	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, Mike	1	7491 Bear Creek Drive	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, Daniel	1	13130 Sylvaner Court	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, Josie	1	5736 Arabian Drive	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, Theodore	1	5560 San Carlos Court	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, Satti	1	6085 Napa Ave	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, Russ	1	7165 Teak Way	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, Arif	1	12234 Queensbury Drive	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, Aurora	1	10083 Greenwood Avenue	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, Larry	1	4486 Benito Street	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, Kenneth	1	11261 Ada Avenue	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, Alicia	1	10549 Arabian Pl	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, Ramon	1	5390 Granada St	Montclair	No Test	0.04	210	53	0.36	Repair line break, use only one type of sprinkler, raise low sprinklers
MVWD	Valenzuela, Jessie	1	4601 Grand Ave	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, Ramona	1	9934 Benson Ave	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, Alfonso	1	4375 San Bernardino Ct.	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, Hoang	1	3709 Amador Ct	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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MVWD	Ross, George	1	4760 Orange Blossom Lane	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, Yifei	1	3720 Loyola Court	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, Maria	1	5215 Howard St	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, Rosie	1	11976 Roswell Ave	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	9433 Mills Avenue	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, Ahmed	1	6252 Golden Dale Way	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, Diane	1	11800 Overland Drive	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, Lorna	1	7132 Kansas Court	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, Jeannette	1	8314 Mango Ave	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, Timothy	1	6347 Pointe Ct	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, Shirley	1	14708 Valencia Ave	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, Maria	1	554 E Yale Street	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, Carrie	1	2450 S Mildred Place	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, Mary	1	1455 W La Deney Road	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, Griselda	1	1826 S. Almond Ave.	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, Claudia	1	419 W. Ralston St	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, Craig	1	2701 S. Del Norte Ave	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, Valerie	1	2761 Rippling Brook Place	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	5100 Shea Center Drive	Ontario	No Test	8.05	24218	9918	32.83	
City of Ontario	Dale Briggs	Dale Briggs	1230 W Philadelphia	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, J.T.	1	701 W 24th Street	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, Patricia	1	1826 Lakewood Avenue	Upland	No Test	0.12	245	153	0.21	Correct tilted sprinklers, repair leaking sprinklers, check microspray regularly
City of Upland	Andersen, John	1	1540 N. 6th Ave	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, Herb	1	634 Olive St.	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, William	1	336 W. 18th St	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, Bill	1	1124 Peppertree Lane	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, Jennifer	1	1407 Willowbrook Lane	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, Beatriz	1	5077 D Street	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, Marcy	1	11992 Pipeline	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, Scott	1	6748 Groves Ct	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, Cristine	1	6280 Lee Ct	Chino	0.55	0.12	Unknown	Unknown	Unknown	Upgrade brass heads, replace broken sprinklers, reduce overspray, install backflow preventer.
City of Chino	Anker, Lauren	1	6802 Burke Court	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, Edith	1	5068 Lincoln Avenue	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, Mitch	1	13081 Magnolia Avenue	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	Keuilian, Amber	1	6252 Pablo St	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, Donald	1	3601 Arvidson Court	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, Jason	1	6802 Burke Court	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, Patricia	1	4836 Walnut Ave	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, Brian	1	15235 Glen Ridge Drive	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, Sandra	1	11769 Concord Court	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, Allen	1	6581 Greenbriar Court	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	Bravioff, Jeri	1	3542 Wagonwheel Court	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, Karen	1	13566 Cambridge Pl	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, Francis	1	12433 Tamarisk Ln	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, Matt	3	6921 Edison Ave	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, Ami	1	6184 Sunny Meadow Ln	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, Naomi	1	15491 Yorba Ave	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, Dan	1	16282 Annatto Ct	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, Patty	1	16734 Bear Creek Ave	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, Johnny	1	2057 Hunter Rd	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, Nery & Irma	1	14924 Little Bend Rd	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, Douglas	1	14515 Bowcreek Ln	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, Pearl	1	14310 Spring Crest Dr	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, James	1	2048 Hunter Rd	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, David	1	2238 Monteclaro Dr	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, Alice	1	2568 Wandering Ridge Dr	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, Winnie	1	2344 Lake Terrace Dr	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, Sudhakar	1	16632 Longacre Ave	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, Edd	1	3091 Oakview Lane	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, Mark	1	15696 Tern St	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, Jayln	1	3975 Glen Ridge Road	Chino Hills	No Test	0.347658402	410	337	0.167599754	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Linden, Dalia	1	15471 Quiet Oak Drive	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, Kym	1	3139 Wildwood Court	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, Marc	1	3209 Skyview Ridge	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, Randy	1	15980 Wilmington Road	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, Dawn	1	3483 Altura Ave	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, Moti	1	17415 Jessica Lane	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, Ti	1	17936 Paseo Valle	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, Dahya	1	14115 Sweet Grass	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, Mark	1	152335 Glen Ridge Drive	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, Nicolette	1	16334 Fox Hunt Road	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, Frank	1	14579 Terrace Hills Lane	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, Del	1	3388 Hawthorn Ave	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, Marie	1	3026 Sundance Court	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, John	1	15757 Sleepy Oak Road	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, Brett	1	3335 Organdy Lane	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, JoAnn	1	13404 Stetson Way	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, Cathy	1	2441 Spring Meadow Drive	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	2821 Whispering Oak Court	Chino Hills	No Test	4.708080808	9226	5803	7.858821363	Repair broken sprinklers and lines, cut back plant material or raise spinklers above shrubs, upgrade to weather sensor enabled controllers.
City of Chino Hills	Canyon Hills HOA	21	3681 Glenridge Drive	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	6485 Dickens Street	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, Cynthia	1	9128 Placer St	Rancho Cucamonga	No Test	0.08	336	98	0.55	Move blocked sprinklers, increase DU, use correct nozzles.
CVWD	Hasan, Dana	1	12680 W Rancho Estates Pl	Rancho Cucamonga	No Test	0.11	417	140	0.64	Turn down bubblers, lower overspray, correct tilted sprinklers, cap redundant sprinklers
CVWD	Lapointe, Sidonie	1	14053 Crestline Pl	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, Eva	1	5771 Santa Fe Ct	Rancho Cucamonga	No Test	0.13	362	162	0.46	Cap redundant sprinklers, aerate soil on slopes, fix broken sprinkler line.
CVWD	Lemos, Denis	1	7599 Merlin Ct	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, Mitch	1	10170 Kernwood Court	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, Brent	1	5777 Jadeite Avenue	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, John	1	6167 Muscat Place	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, Edmundo	1	6062 Blossom Place	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, Jeffery	1	8851 Orange Street	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, Nancy	1	7213 Parkside Place	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, Emma	1	10164 Concord Drive	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, Bo	1	10862 Wilson Avenue	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, Sanjay	1	12495 Melon Drive	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, Diana	1	5271 Turquoise Avenue	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, Jim	1	5452 Ranch Gate Rd	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, Roger	1	1914 E Albarado Ct	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, Dolores	1	742 Red Hills Country Club Rd	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, Alex	1	12197 Split Rein Drive	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, Tatyana	1	5063 Equine Place	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, Tatyana	1	5092 Equine Place	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, Padda	1	5515 Mesada Street	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, Peter	1	5797 Cousins Place	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, Lynda	1	5540 Pearl Street	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, Dana	1	12723 Wine Cellar Court	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, Gail	1	9561 Cameron Street	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, Mary	1	9188 Almond St	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, Cynthia	1	6019 Falling Tree Lane	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, Lily	1	11172 Amarillo St	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, Harley	1	5532 Rock Creek Road	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, Christi	1	6804 Palo Verde Place	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 Gateway	1	8106-8112 Milliken Ave	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 Tennis Executive Center	1	10788 Civic Center Drive	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	8461 Spring Desert	Rancho Cucamonga	No Test	8.03	13380	9903	7.98	Plan drawn up for multi-phase turf removal
CVWD	De Beers Watch Bands	1	10782 Edison Court	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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MVWD	Sandrik, Scott	1	6748 Groves Ct	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, Bruce	1	10055 Pulsen Ave	Montclair	No Test	0.1	231	127	0.37	Repair line break, use only one type of sprinkler, raise low sprinklers
MVWD	Huffman, Frederick	1	5101 Merle St	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, Betty	1	4524 Evert St	Montclair	0.62	0.089279155	307	110	0.452289748	Install pressure regulator, use correct heads, replace brass heads, repair leaking sprinklers
MVWD	Carson, Le Roy	1	10188 Felipe Ave	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, Yu-Tai	1	11025 San Pasqual Ave	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, Larry	1	5530 Cambridge Street	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, Gretchen	1	9875 Monte Vista	Montclair		0.03859045	39	46	0	Make sure microspray tubing is attached, reduce overspray, repair broken nozzles
MVWD	Ponce, Jesus	1	10057 Pradera Avenue	Montclair	0.45	0.162052342	520	200	0.734683855	Reduce overspray, correct tilted sprinklers, use VANS for curved edges
MVWD	Penado, Ana	1	10327 Fremont Avenue	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, Flora	1	4408 Harvard Street	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, Nancy	1	10228 Benson Avenue	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, Leticia	1	8712 Fremont Avenue	Montclair	0.32	0.057644628	44	72	0	Correct tilted sprinklers, install pressure regulator, repair leaking valve
MVWD	Flores, Rosemary	1	10086 Bel Air Avenue	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, Joan	1	4357 San Bernardino Street	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, John	1	10046 Fremont Avenue	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	Address	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, Dulce	1	4866 Moreno St	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, Paulyne	1	5234 San Bernardino ST	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, Roscoe	1	4432 Mane Street	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, Braulio	1	10109 Camulos Ave	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, Roger	1	11492 Norton Ave	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, Jessica	1	9833 Bolton Ave	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, Gloria	1	9865 Galena Ave	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, Mary	1	11043 Wesley Ave	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, Herminia	1	5353 Alamos St	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, Dionicio	1	4611 Berkley St	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, Sarah	1	11154 Coalinga Avenue	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, Pablo	1	9645 Bel Air Ave	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, Jason	1	10044 Central Ave	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, Bob	1	11875 Briarrose Ln	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	11548 Pipeline Avenue	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, Rennee	1	17212 Lakeview Ct	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, Anh-Huy	1	17936 Ivy Ave	Fontana	No Test	0.09	106	104	0	
Fontana Water Co.	Roebuck, Alan & Lisa	1	15009 Beartree St	Fontana	No Test	0.09	185	104	0.19	

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Fontana Water Co.	Morrison, Derek	1	5787 Alta Vista Way	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,Huzefa	1	2775 S Malcolm Ave	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, Geral	1	2618 Eel River Pl	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, Frederick	1	1643 Magnolia Ave	Ontario	No Test	0.13	439	159	0.64	Reduce pressure, reduce overspray, use VANS on curved edges.
City of Ontario	Murillo, Yvonne	1	1139 W Locust St	Ontario		0.06	155	74	0.185966851	Repair broken sprinklers, correct sprinkler layout, repair rear irrigation valve
City of Ontario	Gerstein, Dean	1	229 W Caroline Court	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 area plants and reduce watering times
City of Ontario	Watkins, Amy	1	3050 S Arcadian Shores Road	Ontario	0.33	0.06	47	68	0	Cut back plant material, repair leaking and broken sprinklers, clean clogged sprinklers,
City of Ontario	Kooiman, Dave	1	2602 S Del Norte Avenue	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, Adolph	1	903 W La Deney Drive	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, Laureen	1	2828 S Phoenix Place	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, Anna	1	418 E 6th Street	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, Dori	1	550 W H Street	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, Earl	1	2902 E Merion St	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, Dana	1	1557 N Pleasant Ave	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, Philip	1	2644 Virginia Way	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, Kristen	1	2843 S Cherry Ave	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, Thomas	1	3189 Joshua Tree St	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, Jeff	1	2421 S Hope Place	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, Martin	1	534 W Park St	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, Darren	1	3100 Fawn Court	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, Greg	14	1621 E Francis Street	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	2947 S Turner Ave	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	2825 E Walnut Street	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	3742 Lytle Creek Loop	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	956 N Turner Ave	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	3300 Old Archibald Ranch Rd	Ontario		3.65	11426	4501	15.9	
City of Ontario	Gallegos, Leticia	1	4755 Philadelphia St	Ontario		0.84	2796	1033	4.05	
City of Ontario	De Jong, Randy	3	1907 S Euclid Ave	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, Sheri	1	1221 N Vineyard Ave	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, Michael	1	2491 San Antonio Cres East	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, Wal	1	2364 Sunset Curve	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, Duane	1	1267 W 25th Street	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, Iggy	1	520 W 26th Street	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, Ian	1	895 Ponte Vecchio Court	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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City of Upland	Bricker, Suzanne	1	1444 W 11th St	Upland	No Test	0.07	127	81	0.11	Correct tilted sprinklers, repair leaking sprinklers, check microspray regularly
City of Upland	Ritchie, Kathleen	1	1284 Running Creek Lane	Upland	No Test	0.04	140	51	0.2	Repair leaking sprinklers, reduce overspray,
City of Upland	Gonzales, Dionicio	1	1036 Coronado Street	Upland	0.28	0.1	216	118	0.224996931	Reduce overspray, replace brass heads, change sprinkler layout in back yard,
City of Upland	Brotzman, Stephanie	1	5242 Sapphire Street	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, Sue	1	675 W Clark Street	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, Karen	1	1404 W 19th Street	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, John	1	1223 Preston Court	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, Najla	1	1390 Lemon Tree Circle	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, Bruce	1	1639 Lakewood Ave	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	1775 N Benson Avenue	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	1286 Cassel Court	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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City of Chino	Lopez, Julian	JL	6766 Poinsettia Ct	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, Ronda	RR	5942 Yorkshire Road	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, Shihsu	SH	2510 Paseo Del Palacio	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, Carole	CH	15849 Fetlock Lane	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, Gary	GS	4270 Lugo Ave	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, Alicia	AB	3235 Moonlight Ct	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, Peter	PR	15338 Cinnabar Ct	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 Ariza	DA	14830 Country Creek Ct	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, Gary	GS	14034 Sweet Grass Ln	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, Sue	SS	1909 Paseo Grande	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, Kevin	KW	2269 Avenida La Paz	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, Chet	CS	3120 Windsong Ct	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, May	MP	3189 Oakcreek Rd	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	HOA	1 Shady View Dr	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, Thomas M.	TM	5961 Layton Street	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, Oscar	OB	12632 Lost Trail Ct.	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, Wanda	WC	9836 Manzanita Dr	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, Arnold	AS	12436 Greentree Dr	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, Garreth	GR	10021 Ironwood St.	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, Roachelle	RJ	7891 Lane Ct	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, Teri	TS	10549 Apple Ln	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, Timothy	TM	11157 Ada Ave	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, Muzammal	MA	11088 Vernon Ave	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, Yesenia	YF	9094 Lindero Ave	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, Fernando	FG	4935 Grand Ave	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, Bettie	BM	9883 Del Mar Ave	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, Marcia	MH	5555 Caroline St	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, David	DR	11533 Fardon Ave	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, George	GH	9230 Bel Air Ave	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, Marjorie	MC	11163 Poulsen Ave	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, Maria	MP	5565 Caroline St	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 Aleman	LA	11110 Coalinga Ave	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, Ruthie	RB	11363 Buckskin Ave	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.

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SUB-AGENCY	CUSTOMER	SFR	Address	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, Johana	JF	9935 Greenwood Ave	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, Ruben	RC	4277 Benito St	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, Maria	MF	11171 Pipeline	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, Richard	RF	9582 Pradera Ave	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, Romelia	RO	10054 Greenwood Ave	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, Aaron	AF	4144 Compton Ct	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, Rosie	RA	3897 Maxon Ln	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, Jesse	JO	4277 Orchard St	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, Jose	JG	9585 Tudor Ave	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, Barbara	BG	15639 Coventry Ln	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, Stacy	SP	16284 Sun Glory Way	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, Janice	JQ	11840 Overland Dr	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, Elaine	EL	6992 Almeria Ave	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, Cindy	CW	16605 Picardy Place	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, Ronald	RR	17636 Ivy Ave	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, Karen	KT	16553 Jackson Ct	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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, Brad	BF	738 E Rosewood Ct	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, Jose C.	JP	110 W. Capoline Ct	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, Debbie	DR	804 W F Street	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, Erick	EM	645 W I Street	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, Mary	MD	1651 S Cypress	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, David	DC	943 W Fourth St	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, Debra	DG	1360 W Princeton St	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, Claudia	CA	1355 N Orange Ave	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, Maria	MO	2750 S Pleasant Ave	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, Mary	MM	2633 S Lemon Pl	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, Salvador	SO	2516 S Parco Ave	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, Ricardo	RM	808 E 6th Street	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, Lionel	LT	412 W H St	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, Dave	DF	844 W Harvard Pl	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	Cottey, Susan	SC	742 East F Street	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, Lupe	LG	427 East J Street	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	4050 Greystone Dr	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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	4070 Greystone Dr	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	2600 S Stanford Ave	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, John	JG	2525 Cypress Dr	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, Loren	LR	2387 Campus Ave	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, Paul	PY	1398 W Aster Street	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, Aleta	AW	1779 N Vallejo Way	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, Eugene	EC	1636 N. Euclid Ave	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, Wilbert	WC	1705 N Palm Ave	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, Don	DS	1655 W Lisbon St	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, Layne	LS	93 Browning St	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, Natalia	NS	2277 Shirley Way	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, Carol	CB	2041 N Euclid Ave	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, Linda	LK	2120 N Vallejo Way	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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, Violet	VB	13777 Dogwood Ct	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, Mary Ann	MAS	1225 Grandview Dr	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, Elisa	EH	15030 Via Tesoro	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, Linda	LR		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, Virginia	VL		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, Carla	CP		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, Jim	JJ	12753 George Ct	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, Charles	CG	6225 Cololy Ct	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, Amy	AP	6960 Cambridge Ave	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, Kathleen	KM	6942 Cartilla Ave	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, Steve	Schnelle, Sherrie	5207 Mesada St	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, Gary	GS	5950 Kirkwood Ave	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, Donna	DD	10923 Beechwood	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, Aileen	Afkhami, Reza	7531 Silverado Trail Pl	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, Charles	Buquet, Charles	12780 Spring Mountain Dr	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, Martin	Markland, Martin	7012 Jasper St	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, Sandra	Spetnagel, Sandra	5327 Carol Ave	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, Donna	Dudziak, Donna	10923 Beechwood	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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, James	Payne, James	1526 N Solano Ave	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, Keri	Mackie, Keri	13345 Rouge River Dr	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, Steve		13631 Cobalt Ct	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 Vineyard	Park Vineyard	8303 Vineyard Ave	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, Claude	Bibeau, Claude	10772 Modoc St	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, Lawrence	Perales, Lawrence	12430 Royal Oaks	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, Ahmed	Seirafi, Ahmed	9424 Buttonwood	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, Sally	Lee, Sally	12728 Saddleridge Dr	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,, Lynde		4933 Delphine Pl	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, Cheng T.		12348 Highhorse	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, Trung K.		5201 Juniper Ct	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, Lena		6182 Halstead Ave	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, Charlie(Contact)	Commerical Business	7375 Daycheck Blvd	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, Guillermo	Velasco, Guillermo	11327 Lemon Ave	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, Lilyvette		6638 Blanchard Ave	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, Cheryl	Anklam, Cheryl	3836 Harvest Ct	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, Ruth	Torok, Ruth	3837 Harvest Ct	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, Kristi	Chapman, Kristi	13252 S East End	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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, Mehdi	Khosroshahin, Mehdi	9761 Surrey	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, Amalia		41113 Howard St	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, Jean	Sombara, Jean	11166 Kimball Ave	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, Carlos		4488 Harvard St	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, Jose		547 E D St	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, Billie	Cohen, Billie	2472 Sierra Dr.	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, Billie	Cohen, Billie	2472 Sierra Dr.	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, Billie	Cohen, Billie	2472 Sierra Dr.	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, Parag		1136 Canyon Dr	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, Scott		2485 Mesa Terrace	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, Patti	Brandt, Patti	265 W 21 St	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, Madelena		1559 Shamrock	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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, Sherrie	Schnelle, Sherrie	6535 Arthur St.	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 Ford	Leila Ford	6403 Elena St.	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 Basille	Robert Basille	12565 Strawberry Lane	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 Correa	Dianna Correa	4405 Roosevelt St.	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, Kelly	Sandel, Kelly	12974 Elm Tree Ln	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	Parc Place HOA	Le Parc Blvd	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, Ricardo & Yana	Venegas, Ricardo & Yana	4234 Peperwood Ln	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 Joseph	Fabis Joseph	6611 Topaz St	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, Vasiq	Sarvari, Vasiq	11368 Windhaven Ct	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, Reza	Afkhami, Reza	12474 Tejas Ct.	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, Brian	Hamai, Brian	12467 Tejas Ct	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, Judy	Hartman, Judy	10715 Champaign Rd.	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, Jeremy	Birch, Jeremy	7191 Arcata St.	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, Judy	Ponds, Judy	9305 Palo Alto St.	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, MaryAnn	Howard, MaryAnn	10422 Finch Ave	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	Woodside HOA	Ninth St.	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, Vicki	Gerdes, Vicki	6255 Bluegum Ct.	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

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

SUB-AGENCY	CUSTOMER	SFR	Address	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, Caroline	Lerette, Caroline	6588 Palo Verde Pl.	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, Maxine	Lopez, Maxine	11141 Amherst Ave	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	MVWD Plant 1	10575 Central Ave	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	MVWD Plant 2	4775 Grand Ave.	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	MVWD Plant 10	4962 San Bernardino St.	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	MVWD Plant 16	4675 Moreno St.	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	MVWD Plant 16	4675 Moreno St.	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	MVWD Plant 19	4396 Princeton St.	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	MVWD Plant 31	NW corner, Monte Vista and Richton	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	MVWD Plant 32	NW corner G st and Benson	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	Van Zandt, Nelia	4320 Rudisill St.	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	Plant 30	5617 San Bernardino St	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	Plant 33	9486 Benson Ave	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	Plant 4	5501 Arrow Hwy	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, Donald	Brannan, Donald	9775 Coalinga Ave.	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, Alice	Garcia, Alice	4529 Benito	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, Rosemary	Herrera, Rosemary	9583 Mills Ave	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, Nancy	Gulizia, Nancy	4375 Monte Verde	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	Mozaquites, Joe	Mozaquites, Joe	4863 El Morado Ave	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 Trans	Omni Trans	4748 Arrow Highway	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 Rose	Sandra Rose	12971 Hillcrest Dr.	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 Gilchrist	Stephanie Gilchrist	11135 Carraige Ave	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 Cardenas	Jose Cardenas	4284 San Bernardino St.	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 Gonzales	Rosa Gonzales	11510 Benson Ave	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 Viteri	Marcelo Viteri	4679 Phillips Ave	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, Ismael	Reynoso, Ismael		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, Andrea	Lerette, Andrea		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, Gary & Deede	Wolf, Gary & Deede	10861 Calabash Ave	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, Candace	Thomas, Candace	16615 Sugar Lane	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	Costco	16505 Sierra Lakes Parkway	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 Cheng	Tommy Cheng	6059 Homestead Way	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 Burmester	Joyce Burmester	15645 Northwind Ave	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	Southern California Bindery	10661 Business Dr.	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	Southern California Bindery	10681 Business Dr.	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 Ishaq	Amer Ishaq	7248 Elsa Ct.	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, Maria	Magana, Maria	13633 Kings Canyon, Ct.	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	Address	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	Anthony Munoz Park - Soccer Park		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	Anthony Munoz Park - Soccer Park		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	Archibald Underpass		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	De Anza Park - Soccer Field		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	Ecclid Median - Francis to Philadelphia	Ecclid Median - Francis to Philadelphia		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	Ecclid Median - Francis to Philadelphia	Ecclid Median - Francis to Philadelphia		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	Ecclid Median - Francis to Philadelphia	Ecclid Median - Philadelphia		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, Duane	Jepson, Duane	1909 S Benson Ave	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	Mountain Vista HOA	2003 - 2031 S. Mountain Ave	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, Grace	Alvarado, Grace	607 W. I st.	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, Mary	Thompson, Mary	1455 W. LaDeney Dr.	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	J W Mitchell LLC	600 S. Wanamaker Ave	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	Coca-Cola		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, Kamal	Hassanzadeh, Kamal	913 W 25th St	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, Emile	Abraham, Emile	885 Ponte Vecchio Ct.	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, Darlene	Carney, Darlene	2473 Highland Rd.	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, Hector	Gamboa, Hector	2424 San Antonio Crescent W	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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SUB-AGENCY	CUSTOMER	SFR	Address	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 Co.	McKernan, Carole	McKernan, Carole	2421 Redwood Circle	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, Virginia	Christiansen, Virginia	2444 Euclid Cres East	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, Sandy	Coglietti, Sandy	2479 Cliff Rd	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	City of Upland - City Hall	460 N. Euclid Avenue	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	City of Upland - Library	450 N. Euclid Avenue	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, Carol	Shane, Carol	766 E 8th St	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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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SUB-AGENCY	CUSTOMER	SFR	Address	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	City of Upland - Green Belt Park	City of Upland - Green Belt Park	15th Street between Mountain Avenue and Benson Avenue	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 Chapman	Chapman Residence		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 Chana	Chana Residence	837 N. 9th Ave	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, Regina	Lowe, Regina	2063 N. Palm Ave.	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 <b>(Counts as 6 Audits)</b>	IEUA Carbon Canyon	IEUA Carbon Canyon	14950 Telephone Ave.	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	IEUA Composting Facility	12645 6th St	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 <b>(Counts as 8 Audits)</b>	IEUA RP-1	IEUA RP-1	2662 E. Walnut St	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	IEUA RP-2	16400 El Prado Road	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 <b>(Counts as 4 Audits)</b>	IEUA RP-4	IEUA RP-4	12811 6th Street	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 <b>(Counts as 2 Audits)</b>	IEUA RP-5	IEUA RP-5	6068 Kimball Ave	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	5897 College Park Ave	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, Maomi	1	12081 Carlisle Ave	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, Aida	1	2349 Brandon Cir	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, Albert	1	15538 Country Club Dr	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, Gloria	1	2419 Milano Terrance	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, Barbara	1	3085 Daybreak Ct.	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	Arain, Mohammad		1439 Westridge Way	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, Nagy		15128 Calle Verano	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, Hossein	1	1024 Everest Ct	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, Ahmad	1	16105 Highland Pass Cir	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, Sandy	1	14083 Crestline Pl	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	Jeff	10333 Palo Alto	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, Billy		8342 Orchard St	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		7611 Hellman Ave	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		7955 Archibald Ave	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		7889 Elm Ave	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			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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SUB-AGENCY	CUSTOMER	SFR	Address	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Ruth Musser		10789 Terra Vista Pkwy	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		7727 Valle Vista Dr	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, Michael	Jeff	11360 Windhaven Court	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, Trish		5126 Tahoe Pl	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		16855 Merrill Avenue	Fontana, CA 92335	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, Philippa		14834 Fox Ridge Dr	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		1590 N. Tamarind St	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, David	1	9960 Santa Anita Ave	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, Sandra	1	11945 Briar Rose Ln	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, Wafaa	1	3718 Jenny Ln	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, Frances	1	4757 San Bernardino St	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, Narciso	1	5366 Alamitos St.	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, Ilene	1	10255 Camarena Ave	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, Tanya	1	11154 Marion Ave	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, Martin	1	13074 Roswell Ave.	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, Charles	1	10288 Fremont Ave	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	Aguiar, Adela	1	11748 Concord Ct	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, Edwin	1	5061 Fauna St	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.

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MVWD	Thomson, Johanna	1	5438 Hold Blvd	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, Douglas	1	4909 Fauna St	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, Lourdes	1	9133 Camulos Ave.	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, Sarah	1	1154 Coalinga Ave	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, Xiomara	1	10048 Bl Air Ave	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, Gracie	1	4760 Benito Ave	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, Angelina	1	11261 Poulsen Ave	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, Bernice	1	5389 W. Carlton St	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, Pam	1	1330 N. Chaffey Ct	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, Rick	1	3235 Clover Ln	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 Nobel		2160 Haven Ave	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			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		2426 N. Euclid Ave	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, J T		701 W. 24th St	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, Daniel & Judy		2509 Spring Terrace	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, Dave		2492 Highland Rd	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, Carolyn		1322 Diana Ct	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.

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City of Upland	Binkley, Charles & Sheila		275 Emerson St	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, Steve		1166 Jefferson St	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, Janet		656 Valley View Ct	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	Moyses, Harvey		2240 N. Euclid Ave	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, Jerry		1903 Redding Way	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, Nadine		701 W. 24th St	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, Millie		2509 Spring Terrace	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, Aubrey		2509 Spring Terrace	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, Frank		701 W. 24th St	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, Alexander		2509 Spring Terrace	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, Wanda		701 W. 24th St	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, Jose		2509 Spring Terrace	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, Tracy		1749 Redwood Wy	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, Catrina		1178 Peppertree Ln	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, Erwin		2274 N Campus Ave	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, Walter		1697 Redding Way	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

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City of Upland	Mt View Free Methodist Church		1020 W. 8th St	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, Vickie		1555 O'Malley Ave	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, Susan		290 Grant St.	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

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SUB-AGENCY	CUSTOMER	SFR	Address	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, Dustin	Nan, Dustin	6751 Burke Ct	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	American Pacific	13951 Magnolia Ave,	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	Chino Valley Fire District #63	7550 Kimball Ave.	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)	Park Place Chino HOA (North Section)	12836 Twelfth St	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	City of Chino - Carolyn Owens Community Center	13201 Central Ave	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	City of Chino - City Yard	5050 Schaefer Ave	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	City of Chino - Civic Center	13220 Central Ave	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	City of Chino - Community Building	5443 B Street	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	City of Chino - Human Services/Chino Valley Fire District # 61	13271 Central Ave.	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	City of Chino - Teen Center	13023 Central Ave	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	City of Chino - Cypress Trails Park	6571 Schaefer Ave	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	City of Chino - Heritage Park	4250 Chino Ave	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	City of Chino - Mountain View Park	13351 Mountain Ave	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	City of Chino - Walnut Park	4600 Walnut Ave	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, Richard	Swingle, Richard	14980 Beechwood Ln	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)	Butterfield Fire Station (Chino Valley Fire District #62)	5551 Butterfield Ranch Rd.	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	Chino Valley Fire Department Training Center	4040 Eucalyptus Ave	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

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City of Chino Hills	Chino Valley Fire District Station #66	Chino Valley Fire District Station #66	13707 Peyton Dr.	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	Chino Valley Fire District #64	16231 Cannon Ln.	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, Pam	Cuthbertson, Pam	1330 N. Chaffey Ct	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, Rick	Dorion, Rick	3235 Clover Ln	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	Mission Woods	1309 W. Mission Ave	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	Portofino	3107 S. Deek Creek Loop	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	Stoneridge Court	1100 - 1500 Stoneridge Ct	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	Mallorca HOA	Mallorca St	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, Judy	Astadurian, Judy	1835 Wilson Ave	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, Judy	Astadurian, Judy	155 S. Campus Ave	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, Judy	Astadurian, Judy	165 N 12th Street	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, Judy	Astadurian, Judy	196 N. 12th Street	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, Mary	Ellis, Mary	1770 N. Euclid Ave	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, Lori	Peltier, Lori	1941 Oceanaire Way	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, Imtiaz	Rasool, Imtiaz	25 W. 17th Street	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, Rick & Dawn	Thielo, Rick & Dawn	2393 N. Mountain Ave	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, Pete	Vagenas, Pete	255 W 21st Street	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 Bob & Susie	Warren Bob & Susie	1741 N Palm Ave	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, Don	Watte, Don	2026 Winston Ct	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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	St Peter & St Paul Catholic Churh	9135 Banyan St	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	Golden Oak Park- City of Rancho Cucamonga	9345 Golden Oak Rd.	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	Hermosa Park- City of Rancho Cucamonga	6787 Hermosa Ave.	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	Old Town Park - City of Rancho Cucamonga	10033 Feron Blvd	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	Spruce Park - City of Rancho Cucamonga	7730 Spruce Ave	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	West Greenway Park - City of Rancho Cucamonga	7756 Meadowcrest Ct	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	Chaffey College - Rancho Cucamonga	5885 Haven Ave	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	St Peter & St Paul Catholic House	6084 Falling Tree Lane	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	Chaffey College - Fontana	16855 Merrill Avenue	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	ALJ INVESTMENT CO LLC	10285 Central	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	Borgia/Maestri	5436 - 5440 Arrow Hwy	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	Girl Scouts - Spanish Trails	9525 Monte Vista Ave	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	Montclair Plaza	Montclair Plaza in	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	Montclair Plaza Sears	5060 Montclair Plaza in	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	Pomona Valley Customs	4081 Holt Blvd	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	City of Montclair - Fire Station #1	8901 Monte Vista Ave	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	City of Montclair - Fire Station #2	10825 Monte Vista Ave	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**

SUB-AGENCY	CUSTOMER	SFR	Address	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	Applegate HOA	Applegate Ave	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	Helena Court HOA	9608 Helena	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	Essex Park	4300 Clair Park	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	Mac Arthur Park	5450 Deodor Street	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, Audree Residence	Anderson, Audree Residence	5174 Orange Blossom	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, Richard Residential	Anderson, Richard Residential	3302 Hill View Dr	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	Furr, Arnold	Furr, Arnold	4460 Moreno St.	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, John Residential	Sahagian, John Residential	5544 Evergreen Ct	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.

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SUB-AGENCY	CUSTOMER	SFR	Address	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	Amberwood Apartments	12957 Ramona Ave	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	Calvary Chapel of Chino Hills	4201 Eucalyptus Ave	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	Chino Pacific Warehouse	5120 Schaefer Ave	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	Chino Valley YMCA	5665 Edison Ave.	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	Envision Plastics	14312 Central Ave	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	Genstar Technologies	4525 Edison Ave.	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	Inland Hills Church	14670 Ramona Ave	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	La Cuesta HOA	5640 Riverside Dr	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	Prime Development	4110 Edison Ave.	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	Ramona Chino Property LLC Sieroty Co. Inc	13775-95 Ramona Ave	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.	Ramona Village Assoc.	4488 Teresita Ct	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	Royal Palm Ranch	4793 Riverside Dr	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	Sieroty Co. Inc	4575 Schaefer	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	Sieroty Co. Inc	4525 Schaefer	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	Sieroty Co. Inc	14225 Telephone Ave	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	United Electric Supply Company	15497 Dupont Ave	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.	Versa Technology Inc.	4711 Chino Ave	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

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City of Chino	Almac Felt Co	Almac Felt Co	13825 Benson Ave	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	American Custom Golf Cars Inc	15710 El Prado Rd	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	Caliagua	15148 Sierra Bonita Ln	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	Crystal Lane Community Association	Euclid Ave, Joy St, Fern Ave, Margaret Ave	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	Free Free USA Inc	13660 Redwood Ct	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	Imaginary Fiberglass	15740 El Prado Rd	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	International House of Pancakes	12585 Central Ave	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	Park East II	Schaefer Ave / Roswell	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	Seasons Senior Villas	13160 Sixth St	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	Shaefer Roswell HOA	Esperanza/East End Ave	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	The Gardens	11918 Central Ave	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	Park Townhomes	12400 N Park	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	Chino Womens Prison	16756 Chino Corona Rd	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	Cypress Creek HOA	Rocjrose St/ Zinnea	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	First United Reformed Church	6159 Riverside Dr	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	Foresome, LLC	11760-11800 Central Ave	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.	Franklin Webster Square Asn.	12635 Franklin Ct	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	JG Construction	15632 El Prado Rd	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	Kumar Industries	4775 Chino Ave	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	Linda Howe	Linda Howe	4187 Bernardo Ct	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	Parkside Village	Cardiff Ave	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	Best Western Pine Wood	12018 Central Ave	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	PMN, LLC	13405 Yorba Ave	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	Adobe Springs	Umah St	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	Childrens World #129	Riverside Dr	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	Hampshire Village	Medford Ct	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	Park East III	Chino Ave/ Lilac	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	Saddlewood HOA	Saddlewood Lane	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	Sieroty Co. Inc-Chino Bertolini	Norton Ave	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	Orakridge HOA	2757 Grand Ave	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	Carbon Canyon I HOA	15238 Turquoise Circle	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	Carbon Canyon I HOA	15239 Turquoise Circle	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	Carbon Canyon I HOA	15240 Turquoise Circle	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	Carbon Canyon I HOA	15241 Turquoise Circle	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	Rolling Ridge La Park	Glen Court	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

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City of Ontario	Ceder Point HOA	Ceder Point HOA	837 Mission Blvd	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	Cypress Park	S. Cypress Ave	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	Del Rancho Park	S. Cypress Ave	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	Euclid Median, State St south to Mission Blvd	Euclid Median, State St south to Mission Blvd	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	Kimball Park	E. Walnut St	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	Mountain Village Town Homes	1138 W. Francis St	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	Ranch Park	E. Clydesdale st	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	TSEC Investments	2551 S. Euclid Ave	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	Chaffey High School Chaffey Joint Union High School District	1245 N. Euclid Ave	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	Corona Elementary Ontario-Montclair School District	1149 North Corona	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	Del Norte Elementary Ontario-Montclair School District	850 North Del Norte Ave	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	Mt Zion Baptist Church	224 W California St.	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	Park Vista HOA	1031 S. Palmetto	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	Vina Danks Middle School Ontario-Montclair School District	1020 North Vine Avenue	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	Vineyard School Ontario-Montclair School District	1500 East 6th Street	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	Haven Business Park	3350-3380 Shelby St	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.

### III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	Address	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	First Assembly of God Church - Ontario	1456 North Grove Ave	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	Barbara Papakonstatinon	Barbara Papakonstatinon	697 Camphor Way	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	Robert Steece	Robert Steece	1360 Erin Ave	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	Stanley Brody	Stanley Brody	1483 13th Ave	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	Upland N Hills HOA	1211 Parkview Circle	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	Yu Chang	Yu Chang	220 W Buffington St	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	Home Depot #1083	1401 E 19th St	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	Northwood Upland Apartments II	1662 W Arrow Highway	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	Pepperdale Condo Association	435 W 9th St	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	Pres-Mountain Grove LP	818 N Mountain Ave	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	Villa Montelena HOA	905 Baseline Ave	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	Brian Kennedy	Brian Kennedy	2393 N. Euclid Ave.	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	Mountain View Park	Mildura Ave	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	Mountain View Park	Mildura Ave	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	Mountain View Park	Mildura Ave	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	Mountain View Park	Mildura Ave	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	Rancho Monte Vista	2116 W Arrow Rte.	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

### III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	Address	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Amberly Place HOA	Amberly Place HOA	Archibald Ave /Church St	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	Cimarron Oaks VI	1802 N. Vineyard Ave	Ontario	56%	2.60	14,005	3,752	23.5	Participate in nozzle upgrade programs
CVWD	Donn Cushing	Donn Cushing	5251 Smokey Mtn.	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, Debbie	Figoni, Debbie	9581 Hidden Farm Rd	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, Irene	Haskvitz, Irene	9655 Carrari Ct	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.	Mission Village Apartments/RDM Management, Inc.	7781 Archibald Ave.	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	Niagara Bottling Company	5675 E. Concourse St	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	Ontario Condos	2000 Yale St	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	West Gate HOA	Green Haven ave & Green Acre Dr.	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	Cross and Crown Lutheran Church	6723 Etiwanda Ave	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	La Serena HOA	10151 Arrow Route	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	Laing First Edition HOA	7543 W. Liberty Parkway	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	Orchard Meadows HOA	8756 Knollwood Dr	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	Villas at Terra Vista HOA	7607-7697 Haven Ave	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	Anna Kolejka	Anna Kolejka	11000 Vicksburg Ct	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	First Assembly of God Church - Rancho Cucamonga	9720 Wilson Ave	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

### III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	Address	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	LDS Church Baseline	LDS Church Baseline	9075 Baseline Ave	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	LDS Church Etiwanda	6829 Etiwanda Ave	Rancho Cucamonga	53%	4.45	7824	6268	3.57	Install Weather Based System, Participate in all nozzle upgrade program
CVWD	LDS Church Haven	LDS Church Haven	5474 Haven Ave	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	Michael Camacho	Michael Camacho	6055 Zircon Ave	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	Sieroty Co - 10613	10613 Jasmine St.	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	Sieroty Co. Inc- Tony's Express	10681 Jasmine St.	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	Cimarron Oaks II	4700 San Jose	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	Greentree Garden HOA	4622-4630 San Jose	Montclair	50%	2.11	3,261	4,680	5.0	Participate in nozzle upgrade programs
MVWD	Montclair Townhomes HOA	Montclair Townhomes HOA	10400 Yosemite	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	Monterey Manor Mobile Home Park	11250 Ramona Ave.	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	Peachwood Estates	11330 Cumberland	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	Sandra Rose	Sandra Rose	12390 Hillcrest Drive	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	Bethany Baptist Church	9950 Monte Vista	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	Don Vodvarka	Don Vodvarka	10202 Columbine Ave	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	John Auer	John Auer	4811 Orange Blossom Lane	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	Towncenter Estates	11060 Buckingham	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



### III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	Address	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	D & C Investment Properties	9405 Pradera Ave.	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	D & C Investment Properties	9395 Pradera Ave.	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	D & C Investment Properties	9367 Pradera Ave.	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	Laird Properties LLC	4461-4771 Arrow Highway	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	Montclair Police Dept	4870 Arrow Highway	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 Elementry Ontario-Montclair School District	Monte Vista Elementry Ontario-Montclair School District	4900 Orchard St	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	Ontario Inn	5361 Holt	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	Kingsley Elementary Ontario-Montclair School District	5625 Kingsley	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	Buena Vista Elementary-Montclair School District	9775 Vernon Ave	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	Vernon Middle School Ontario-Montclair School District	9775 Vernon Ave	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	Chino Basin Conservation District	4594 San Bernardino Street	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	Esther Martinez	Esther Martinez	4289 Jackson	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	Helena Gardens HOA	4791 Canoga	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	Jafra Cosmetics	4404 Orchard St	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	Montclair Town Center LLC	5100 San Bernardino	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.

### III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	Address	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	Valley Christian Church	12410 Norton Ave	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.	Yorba Court/Owen Court Associates, Inc.	13106 Yorba Ave	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	Chino Venture	14728 Ramona Ave	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	Teo Albers	Teo Albers	6241 Joaquin St	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.	Beckman Coulter Inc.	15989 Cypress Ave	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	Mountain Green Shopping Center/Pan Pacific Retail Properties	1255 W 7th St	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	Upland Country Village/H W L Properties	929 E. Foothill Blvd	Upland	54%	0.84	5827	1784	9.3	Install Weather Based System, Participate in all nozzle upgrade program
City of Upland	Parc Chateau HOA	Parc Chateau HOA	23rd St/Mountain Ave.	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	Arrow Park Townhomes HOA	1248 W 13th St	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	Mountain Villas Complex	964 W Arrow Hwy	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	Costco	9404 Central Ave	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	Target	9050 Central Ave	Montclair	50.00%	1.34	8554	2971	8.50	Participate in nozzle upgrade programs
MVWD	Cambridge Park Townhome Apts	Cambridge Park Townhome Apts	9200 Monte Vista Ave	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	Metro Honda	9399 Autoplex Dr	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	Somerset Apartments	12180 Ramona Ave	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

### III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	Address	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	Borders Books & Music	5055 Plaza Ln	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	Mission Tiki Drive-In	10798 Ramona Ave	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	Emma Soto	Emma Soto	4192 E Grand Ave	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	Calvary Chapel of the Chino Valley	12205 Pipeline Ave	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	Cobblestone Village HOA	10300 Ramona Ave	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	Augusta Homes	4361 Mission Blvd	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	Kingsley Grove HOA	4195 Kingsley St	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, MWDC, 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 "Indemnitee" 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.

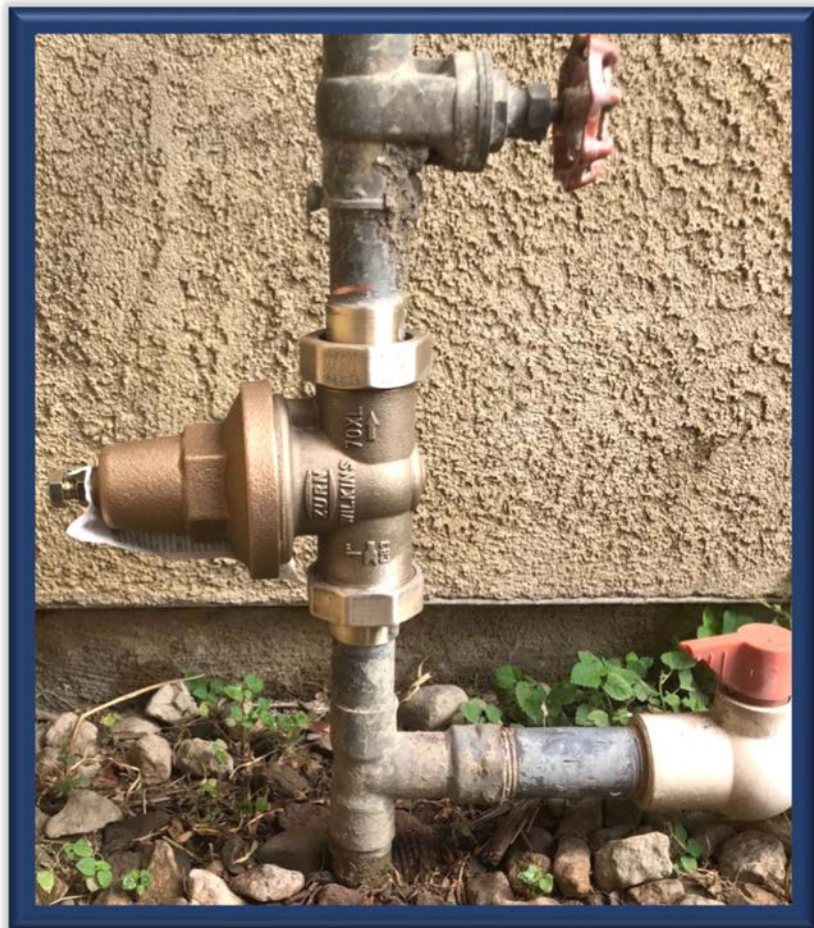
\_\_\_\_\_  
DATE

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



**EcoTech Services, Inc.**

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



## **Appendix D**

**FreeSprinklerNozzles.com**

## FreeSprinklerNozzles.com Program Summary Report (FY 2017-2018)

### Vouchers

Total Requested:	288
Redeemed:	157
Total Redemption Rate:	54.51%

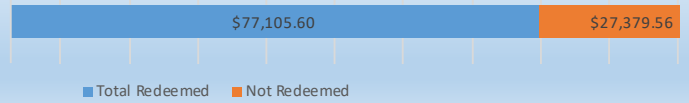
### Nozzles

Total Requested:	22,462
Redeemed:	16,576
Total Redemption Rate:	73.80%

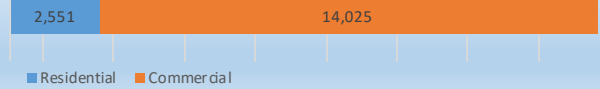
### Budget

Total Requested	\$104,485.16
Redeemed:	\$77,105.60
Not Redeemed:	\$27,379.56

Total Budget  
(\$104,485.16)



Res vs. Com Nozzles Installed  
(16,576)



### Res vs. Com Nozzles Installed

Total Residential Requested:	5,712
Total Residential Redeemed:	2,551
Total Residential Redemption Rate:	44.66%

Total Commercial Requested:	16,741
Total Commercial Redeemed:	14,025
Total Commercial Redemption Rate:	83.78%

### Nozzles Statistics

	RESIDENTIAL			COMMERCIAL			TOTAL		
	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	NOZZLES PER VOUCHER (AVG)	REDEMPTION RATE	REQUESTED	REDEEMED
CITY OF CHINO	400	151	37.75%	0	0		NA	400	151
CITY OF CHINO HILLS	475	100	21.05%	0	0		NA	475	100
CITY OF ONTARIO	975	237	24.31%	2,980	2,880		96.64%	3,955	3,117
CITY OF UPLAND	200	75	37.50%	1,892	1,562		82.56%	2,092	1,637
CVWD	2,415	992	41.08%	2,588	650		25.12%	5,003	1,642
MONTE VISTA WD	1,256	996	79.30%	9,281	8,933		96.25%	10,537	9,929
<b>TOTAL</b>	<b>5,721</b>	<b>2,551</b>	<b>44.59%</b>	<b>16,741</b>	<b>14,025</b>	<b>602</b>	<b>83.78%</b>	<b>22,462</b>	<b>16,576</b>

### Voucher Statistics

	RESIDENTIAL			COMMERCIAL			TOTAL		
	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	
CITY OF CHINO	16	8	50.00%	0	0		NA	16	8
CITY OF CHINO HILLS	19	8	42.11%	0	0		NA	19	8
CITY OF ONTARIO	39	15	38.46%	42	40		95.24%	81	55
CITY OF UPLAND	8	4	50.00%	18	16		88.89%	26	20
CVWD	95	36	37.89%	2	2		100.00%	97	38
MONTE VISTA WD	20	11	55.00%	29	27		93.10%	49	38
<b>TOTAL</b>	<b>197</b>	<b>82</b>	<b>41.62%</b>	<b>91</b>	<b>85</b>		<b>93.41%</b>	<b>288</b>	<b>167</b>

# It's time to nozzle.

Get your free sprinkler nozzles  
to slash water bills.

High efficiency nozzles reduce water waste and increase irrigation efficiency by up to 30%.  
Visit [FreeSprinklerNozzles.com](https://www.FreeSprinklerNozzles.com) and get your voucher for free nozzles today.\*

---

## PRODUCTS OFFERED:

- Toro Precision™ Series Fixed PSN and PSNP
- Hunter MP Rotators®
- Rain Bird® Rotating RNs
- Rain Bird® R Vans
- Toro Precision™ Rotating PRN



\*Be sure to have the water account and property information.

Funded by participating water agencies.

# How does it work?



**1.**

Fill out the on-line form and print your voucher today. (it'll take less than 10 minutes).



**2.**

Determine the nozzles your site needs.



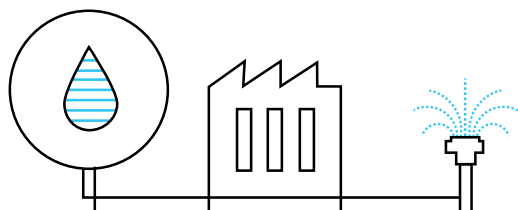
**3.**

Visit a participating supplier and pick up your nozzles.



**4.**

Install your nozzles and start saving.



## Today

Get **FREE** rotating sprinkler nozzles

## Tomorrow

Increase irrigation efficiency up to 30%

## Choose

The irrigation industry offers a choice of proven high-efficiency products. They're **FREE** through the **FREE** Sprinkler Nozzles program.

**Hunter®**



Hunter MP Rotators®

**RAIN BIRD®**



Rain Bird® Rotating RNs

Rain Bird® R Vans

**TORO.**



Toro Precision™ Rotating PRN

Toro Precision™ Series Fixed PSN and PSNP

## It's Easy

1

Determine the number of nozzles needed.

2

Request your voucher at [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com). Be sure to have the water account name and number handy.

3

Present your voucher as payment at a participating supplier.

## FAQs

- **Who Qualifies?** "Customers of 30 California water agencies qualify for **FREE** nozzles. Check the list at [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com)
- **Is a voucher like a rebate?** No. Vouchers from [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com) are accepted as payment. You pay nothing.
- **How many free nozzles per property?** Some limits apply and vary by participating water agency. Inventory what you need and make your request at [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com)
- **Who accepts vouchers?** Most wholesale suppliers. Check the list of participating locations at [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com)
- **Is the SoCal Water\$mart rebate about the same amount?** No. Recent changes reduced the rebate to \$2 per nozzle. Visit [socialwatersmart.com](http://socialwatersmart.com)

### Example: 250 Nozzles

Without voucher:  
250 x \$7 = \$1,750

With voucher:  
250 x \$0 = \$0

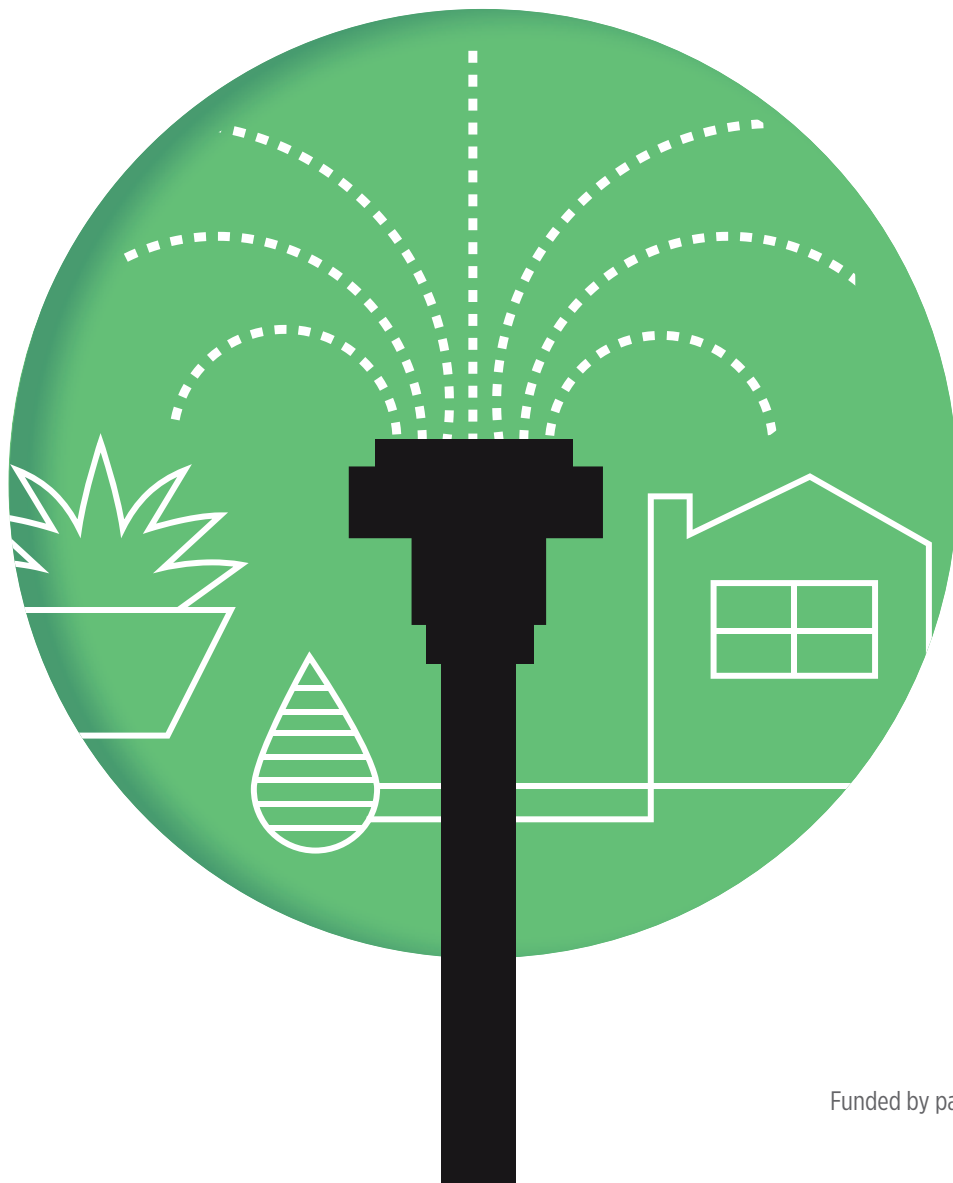


# It's time to nozzle.

Free sprinkler nozzles help  
slash water bills!

Water savings made easy. Just pick up, install, and save.

Visit [FreeSprinklerNozzles.com](https://www.FreeSprinklerNozzles.com) and get started today.



Funded by participating water agencies.



# How does it work?



**1.**

Fill out the on-line form and print your voucher today. (it'll take less than 10 minutes).



**2.**

Determine the nozzles your site needs.



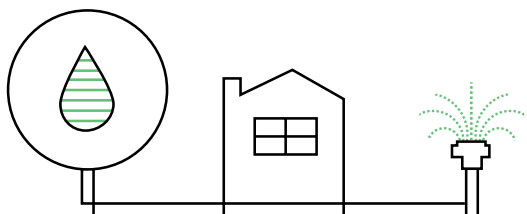
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Visit a participating supplier and pick up your nozzles.



**4.**

Install your nozzles and start saving.



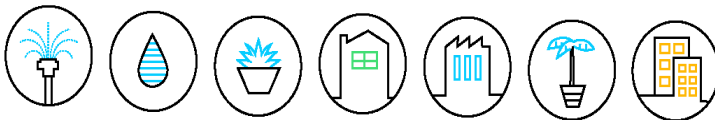
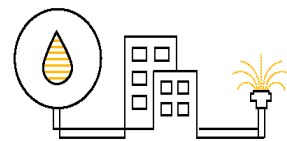
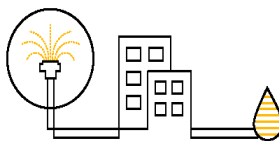
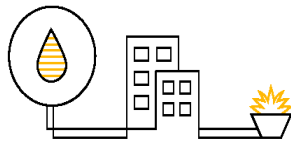
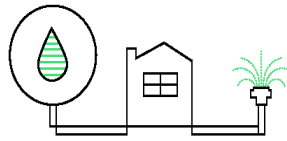
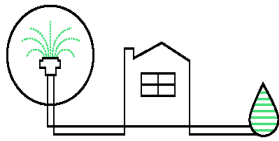
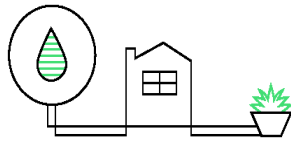
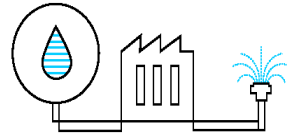
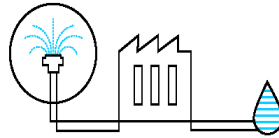
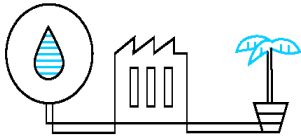
# Commercial



# Residential



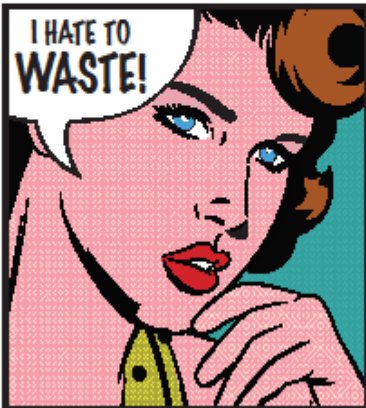
# Community Association



C 0	R 255	C 62	R 66	C 68	R 0
M 31	G 184	M 0	G 222	M 0	G 197
Y 93	B 5	Y 72	B 116	Y 9	B 230
K 0	#FF8805	K 0	#42DE74	K 0	#00C5E6

# Water savings made easy. Just pick up, install and save.

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



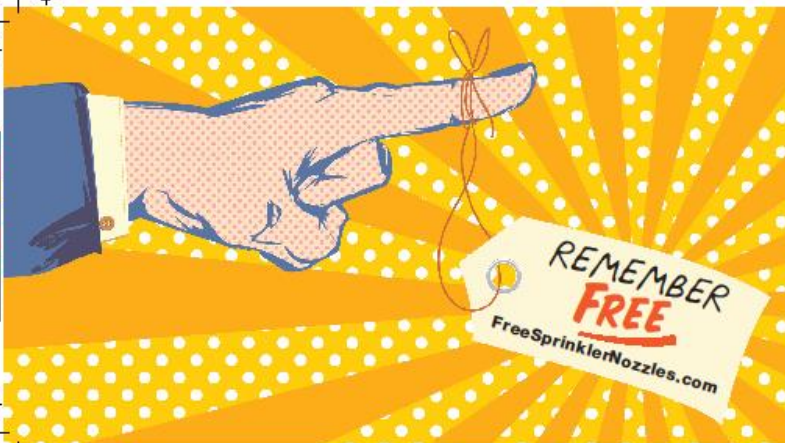
JEN'S YARD IS TOO WET



JEN HAS BROKEN SPRINKLERS



JEN FOUND [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com)  
AND NOW SAVES WATER AND MONEY



Don't waste water  
Don't waste money

Get FREE stuff!

Free  
Sprinkler  
Nozzles  
.com

Supported by local water agencies.

FREE Sprinkler Nozzles

**Time is Running Out!**  
Program ends June 30, 2018

Water savings made easy. Enroll, pick-up, install, save!



Securing Your Water Supply

Go to [FreeSprinklerNozzles.com](https://FreeSprinklerNozzles.com) to get started.

FREE Sprinkler Nozzles

Program ends  
**June 30, 2018**

Here's how it works...



**FIRST**

Fill out the on-line form and print your voucher today (it'll take less than 10 minutes).



**SECOND**

Determine the nozzles your site needs.



**THIRD**

Visit a participating supplier and pick up your nozzles.



**FOURTH**

Install your nozzles and start saving.

High efficiency nozzles cost \$4-\$10 each, but through [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com) they're **FREE!**

Please Visit...

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

...to get started.



**Securing Your Water Supply**

Western Municipal Water District  
14205 Meridian Parkway  
Riverside, CA 92518

PRESORTED STANDARD  
US POSTAGE  
PAID  
SAN BERNARDINO CA  
PERMIT NO 3238





# Free Sprinkler Nozzles



Securing Your Water Supply



## Time is Running Out!

Program ends June 30, 2018

Water savings made easy. Enroll, pick-up, install, save!

Go to **FreeSprinklerNozzles.com** to get started.

# Here's how it works...

Program ends  
June 30, 2018



## FIRST

Fill out the on-line form and print your voucher today (it'll take less than 10 minutes).



## SECOND

Determine the nozzles your site needs.



## THIRD

Visit a participating supplier and pick up your nozzles.



## FOURTH

Install your nozzles and start saving.

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Securing Your Water Supply

Go to [FreeSprinklerNozzles.com](http://FreeSprinklerNozzles.com) to get started.

## **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 Upland**



***National Theatre for Children***

***FY 2017-2018***



Teach. Entertain. Inspire.

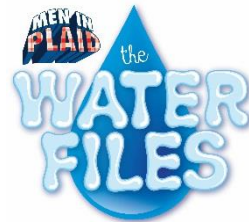


**A Final Report Prepared for**



**Winter-Spring 2018**





*This was my first time watching the presentation and I thoroughly enjoyed it, as did my students. It gave me great ideas as to how to present this material as well as additional resources I may use in the classroom. Great presentation! Thank you so much for offering this great resource.*

Sarah Escobedo  
6<sup>th</sup> Grade Teacher, Butterfield Ranch Elementary  
Chino Hills, CA

## TABLE OF CONTENTS

Executive Summary .....	Page 1
Program Overview .....	Page 2
Distributor Breakdown .....	Page 3
Print and Digital Activities .....	Page 4
Meet the Actors .....	Page 5
Educator Evaluations .....	Page 6-11
Educator Comments .....	Page 12-21
Tour Schedule .....	Page 22-23
Media Coverage .....	Page 24-25



## EXECUTIVE SUMMARY

During the winter and spring of 2018, The National Theatre for Children (NTC) was honored to serve students in California on behalf of Inland Empire Utilities Agency. From January 22 to March 16, as well as from May 14 through May 18, NTC reached a reported 20,388 students and 890 teachers with vital information on water conservation.

Featuring live in-school performances, student playbooks, teacher guides, and digital games and activities, *Men in Plaid: The Water Files* engaged 50 schools and received rave reviews from California students, educators and the media.

Following is a detailed compilation of Inland Empire's *Men in Plaid: The Water Files* educational program. This report includes:

Teacher Evaluation Summary: In order to evaluate *Men in Plaid: The Water Files*, teachers rated elements of the program on a scale of 1-7. They gave the overall educational value a **6.45**, and **98%** 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 **83** 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 in which water is wasted
- How 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:

*It was such an engaging performance. Extremely educational and informative. Students were very excited before, during, and after the performance. The actors were very knowledgeable on the topic(s). Thank you so much!*

Angie Alano, 2<sup>nd</sup> Grade Teacher, El Camino Elementary, Ontario, CA

Through *Men in Plaid: The Water Files*, 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 2018-19 school year!



## PROGRAM OVERVIEW

Through a live performance of *Men in Plaid: The Water Files* by professional actors, supplemental educational materials, and digital games and activities, pre-kindergarten through 6<sup>th</sup> grade 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 *Men in Plaid: The Water Files*, each school received:

- A 25-minute live performance on water conservation
- Student playbooks with classroom and take-home exercises related to *Men in Plaid: The Water Files*
- 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) related to the program

*Men in Plaid: The Water Files* focused on the following key educational points:

- The uses of water
- The importance of water
- Ways in which water is wasted
- How to conserve water

## DISTRIBUTOR BREAKDOWN

### Fontana Water Company

- 7 schools, 12 performances
- 2,968 students, 122 teachers



### Monte Vista Water District

- 7 schools, 13 performances
- 3,450 students, 152 students



### Cucamonga Valley Water District

- 11 schools, 17 performances
- 4,120 students, 172 teachers



### City of Ontario

- 14 schools, 25 performances
- 6,544 students, 287 teachers



### City of Upland

- 4 schools, 5 performances
- 739 students, 35 teachers



### City of Chino Hills

- 4 schools, 6 performances
- 1,415 students, 60 teachers



### City of Chino Public Works

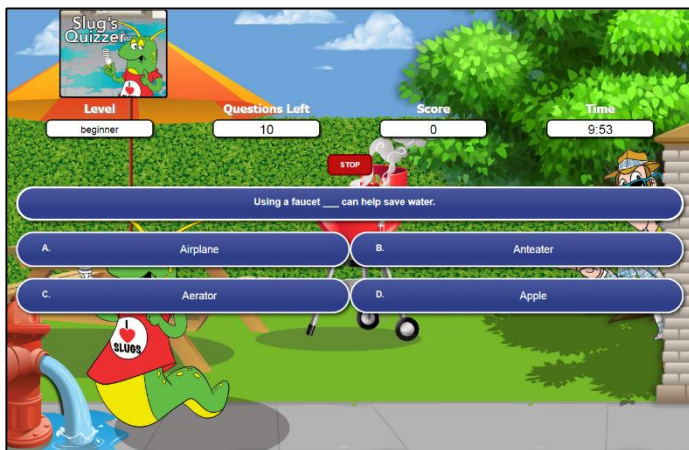
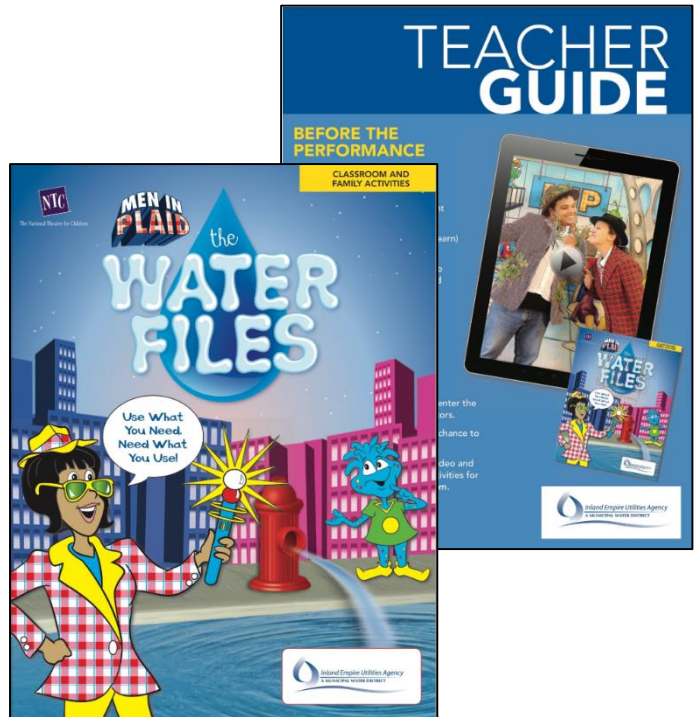
- 3 schools, 5 performances
- 1,152 students, 62 teachers



## CLASSROOM 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 2018

Tour dates: January 22 – March 16, 2018

Actors: Jessica Puertas & Phil Ward

### Spring 2018

Tour dates: May 14 – May 19, 2018

Actors: Phil Ward & Ricky Phillipi



**Jessica Puertas**

Jessica Puertas is from the town of Rancho Cucamonga, where she worked and performed at the Lewis Family Playhouse for 10 years. She received her AA in Theatre Arts at Chaffey College. She has performed at the Candlelight Pavilion, Inland Valley Repertory Theatre and in a number of murder mystery dinner theatre productions.



**Phil Ward**

Born and raised in the Midwest, Phil has lived in Los Angeles since 1983. He was a touring actor with NTC in the early 90s and at one time held the record for the most NTC performances. He is a longtime ensemble member at Theatre of Note in Hollywood, where he has served as an actor, director, writer, composer and musician.



**Ricky Phillipi**

Ricky has completed four 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

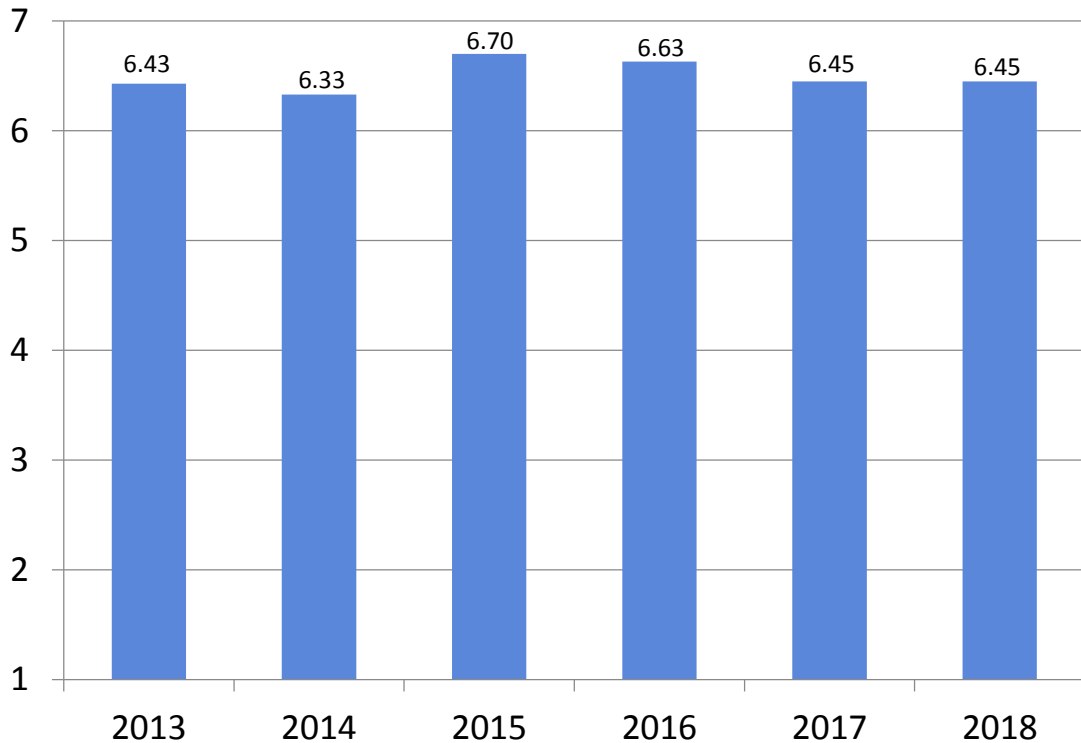


Each teacher at each participating school is asked to complete a program evaluation.

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



## OVERALL EDUCATIONAL VALUE

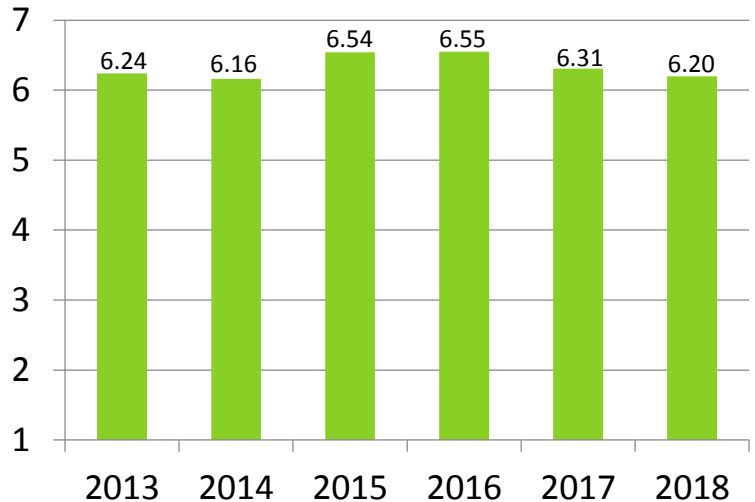


Teachers were asked to rate the overall educational value of the program based on a scale of 1 (lowest) to 7 (highest). The average score for the program was a **6.45**.

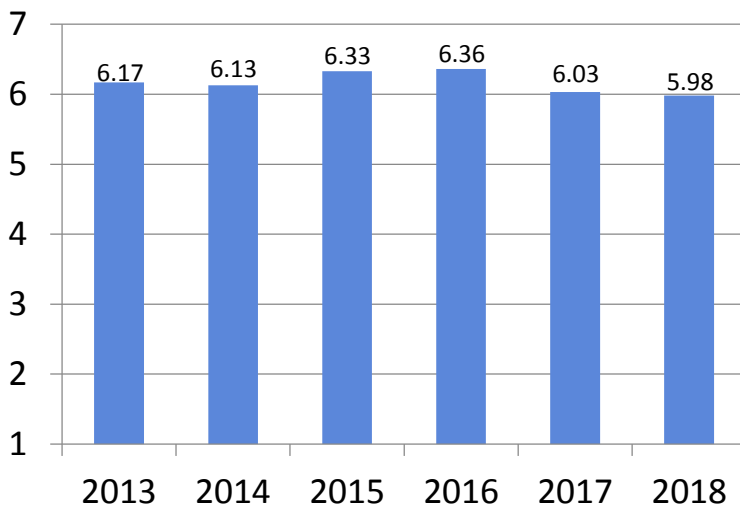
## ABILITY TO STIMULATE CLASSROOM DISCUSSION

Teachers rated the program's ability to stimulate classroom discussion as a **6.20**.

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



## LIKELIHOOD STUDENTS WILL RETAIN MESSAGES



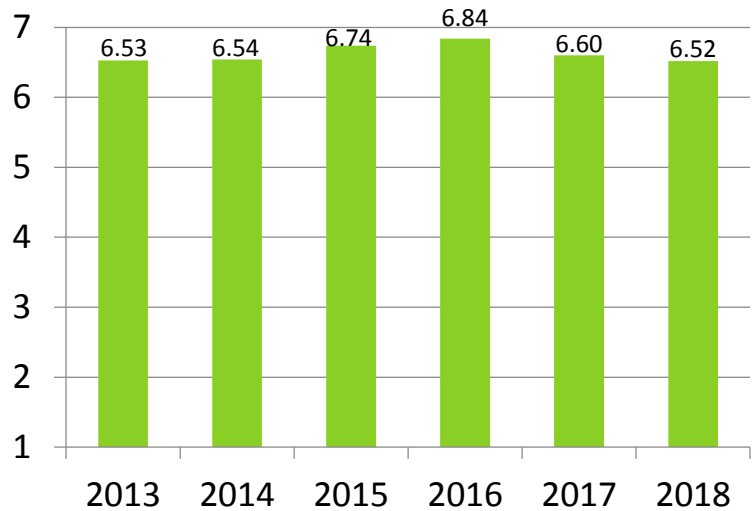
Teachers rated the likelihood that students will retain the material covered in the program as a **5.98**.

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

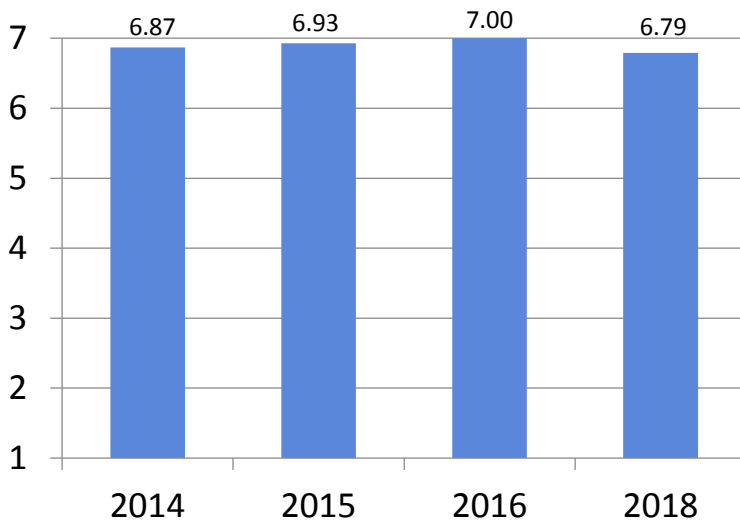
## ABILITY OF LIVE THEATRE TO INCREASE CAPACITY FOR RETAINING MESSAGES

Teachers rated the use of live theatre to increase students' capacity for retaining educational messages as a **6.52**.

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



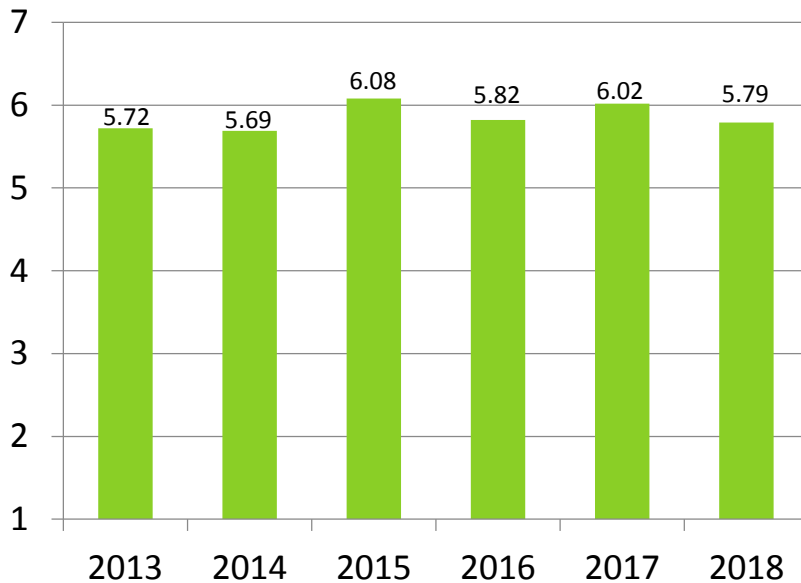
## ACTORS' PROFESSIONAL AND COURTEOUS MANNER



Teachers rated the actors' professional and courteous manner as a **6.79**.

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

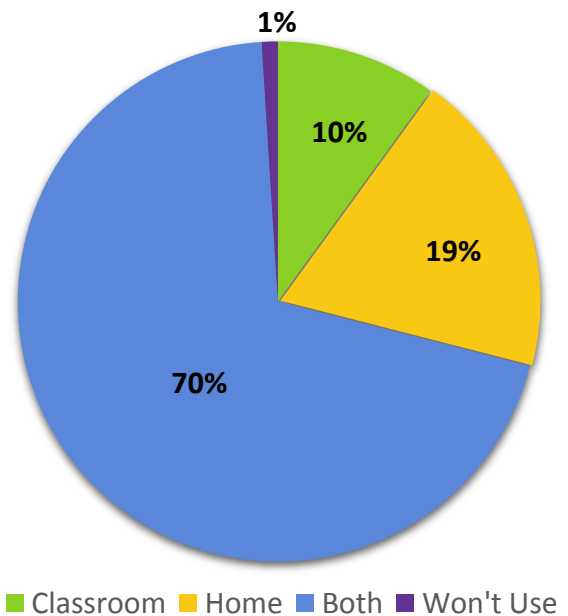
## PRINTED MATERIALS



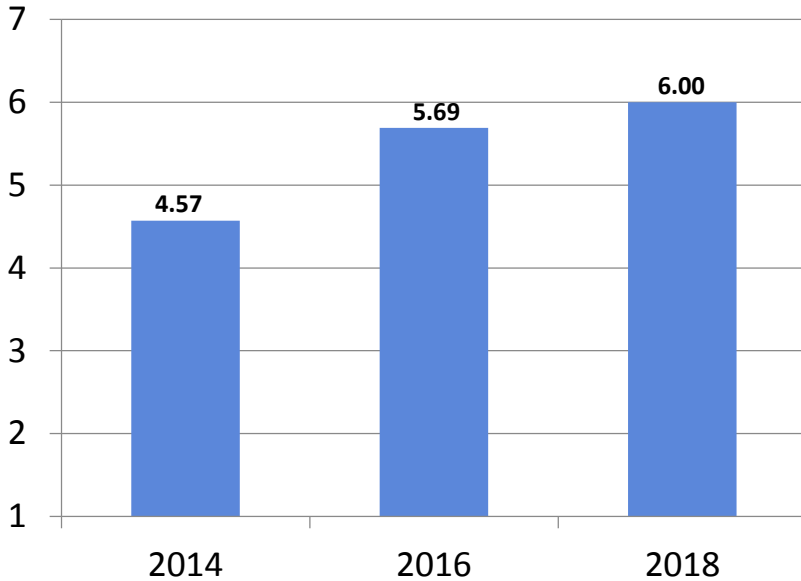
Overall, teachers rated the value of the printed curriculum as a **5.79**.

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.



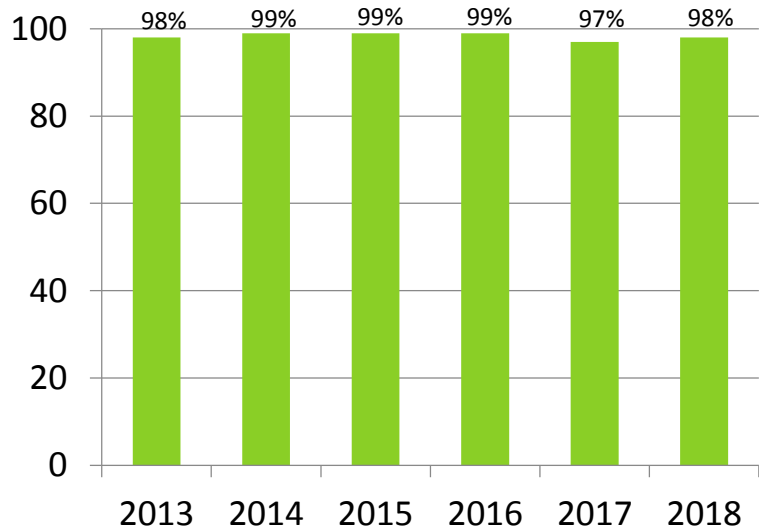
## DIGITAL GAMES AND ACTIVITIES



Overall, teachers rated the value of the digital games and activities as a **6.00**.  
Based on a scale of 1 (lowest) to 7 (highest)

## TEACHERS WANTING THE PROGRAM TO CONTINUE

■ Indicates percentage of “yes” responses



Ninety-eight percent (**98%**) of educators who saw *Men in Plaid: The Water Files* 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 2018 tour.

*Awesome show!*

Valerie Bires, Principal, Hermosa Elementary, Rancho Cucamonga, CA

*It was fun and the presenters were pleasant*

Todd Glaeser, Principal, Redeemer Lutheran School, Ontario, CA

*Very engaging and informative. Students enjoyed your performance.*

Susie Curado-Kam, 4th Grade Teacher, East Heritage Elem School, Fontana, CA

*this was a very engaging program. the kids had a great time and internalized the lesson.*

Robin Millard, 5th Grade Teacher, Liberty Elementary School, Ontario, CA

*At times, it was hard to hear. I think it would be fantastic if the actors had a microphone on themselves to make it easier to hear them.*

Kim Kessler, 3rd Grade Teacher, Liberty Elementary School, Ontario, CA

*I like the educational booklet.*

Curt Sumners, 4th Grade Teacher, Liberty Elementary School, Ontario, CA

*This year's performance wasn't as entertaining or engaging as previous year's.*

Robin Barbour, 2nd Grade Teacher, Lyle Briggs Fundamental School, Chino, CA

*I think the children were confused. They thought they had to boo the bad guy. I don't think they knew he was supposed to tell ways he wasted water.*

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

*The visual aids and costumes were awesome. The continuous chanting of "use what you need and need what you use" is catchy and helps drive the point home. The play is very well written. It truly takes into account that it's written for a young audience. Lots of content but also lots of jokes and references to made to current people. I really appreciated how professional and kind the actress was who shared with me the best places in the MPR for my students to sit to enjoy the show. It was also nice to see a play that was different from the Water Pirates of Neverland. (Our students had already seen that production many times over the last few years.) If there was anything to fix, it would have to be that it was difficult to hear the actress. The actor projected his voice very well, but it was difficult to hear the actress. Thanks for putting together a relevant and fun performance for our students!*

Suzy Yero, 3rd Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA

*Wonderful program, and it is a very important message.*

Fran Kranich, 4th Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA



## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*Thanks for the live theatre. I teach 6th grade and although the play is not meant for that grade the kids had fun and learned a lot. Hope the materials can have some activities for 6th grade next year.*

Erine Ames, 6th Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA

*I love the energy level that the actors come with. It really gets the kids excited about learning.*

Kelly Cook, Kindergarten Teacher, Montera Academy of Academic Exploration, Montclair, CA

*I think that a mobile microphone pack is needed when in a large MPR and when actors are moving around so much. Difficult for kids to hear and they are excited so there is noise.*

Melissa Scotti, Kindergarten Teacher, Montera Academy of Academic Exploration, Montclair, CA

*Nicely done!*

Linda Maris, 5th Grade Teacher, Newman Elementary School, Chino, CA

*My students were engaged during the entire performance, and loved the lessons on water that were taught.*

Rachel Turner, 3rd Grade Teacher, Victoria Groves Elementary, Alta Loma, CA

*Thank you!*

Laura Zwerner, 2nd Grade Teacher, Victoria Groves Elementary, Alta Loma, CA

*Great educational and fun presentation.*

Alison Boag-Salcido, 3rd Grade Teacher, Buena Vista Arts Integrtd Sch, Fontana, CA

*Very good show!*

Elisabeth Doran, 4th Grade Teacher, Buena Vista Arts Integrtd Sch, Montclair, CA

*It was a great learning opportunity.*

Erin O'Brien, 3rd Grade Teacher, Buena Vista Arts Integrtd Sch, Montclair, CA

*The actors were amazing!!*

Ivonne Porras, 6th Grade Teacher, Kingsley Elementary School, Montclair, CA

*Great job on the actors engaging the students!*

Jack Hsu, Other, Kingsley Elementary School, Montclair, CA

*Kids thought the skit was very funny, great job.*

Brad Richards, Kindergarten Teacher, Kingsley Elementary School, Montclair, CA

*Funny and engaging program*

Paul Swanson, Other, Kingsley Elementary School, Montclair, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*The program was fun and entertaining. The only reason I rated retention of information at a 4 was because I have 4/5 year olds. They may have trouble with the whole concept but it's good to start them early. One suggestion: In a room the size of our MPR having a microphone may have helped. Sometimes it was difficult to hear the presentors.*

Colleen Cope, Pre-Kindergarten Teacher, Kingsley Elementary School, Montclair, CA

*Overall great performance, but just a tad bit louder or use of microphones for future performances. Please and thank you.*

J. Allison Borromeo, 6th Grade Teacher, Kingsley Elementary School, Montclair, CA

*thank you. It was wonderfully done and entertaining for both teachers and students.*

Jackie Brazynetz, 1st Grade Teacher, Liberty Elementary School, Ontario, CA

*My students really enjoyed it and were talking about ways their families need to make changes to start saving water.*

Lindsay Munoz, 3rd Grade Teacher, Los Amigos Elementary School, Rancho Cucamonga, CA

*The printed materials were a little too advanced for TK students. However, my students truly enjoyed the show.*

Berit Levato, Pre-Kindergarten Teacher, Ranch View Elementary School, Ontario, CA

*Great way to engage the kids in water saving efforts.*

Maria Sandoval, 5th Grade Teacher, Sultana Elementary School, Ontario, CA

*Very well done!*

Dan Lundberg, 5th Grade Teacher, Sultana Elementary School, Ontario, CA

*I like how this play was appropriate for the various grade levels and it presented it in a manner the students will remember.*

Mindy Tourangeau, Kindergarten Teacher, Sultana Elementary School, Fontana, CA

*Thank you for an entertaining learning experience.*

Margarita Hernandez, 5th Grade Teacher, Sultana Elementary School, Ontario, CA

*The actors were awesome!*

Andrew Strang, 4th Grade Teacher, Sultana Elementary School, Ontario, CA

*It was a little difficult to hear actors at times. I like the way the story changes each year, but the message stays the same. Continue the "Use what you need and need what you use" slogan.*

Dawn Styliano, 6th Grade Teacher, Sultana Elementary School, Ontario, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*Our students were a bit chatty during the program, but the actors said several times (breaking character) they couldn't go on with the show if students were talking. I know it throws the actors off, but I think they could have stated it in a smoother way to get kids' attention. We do have more special ed students at our school which could account for the noisier atmosphere. This is the first time that this has ever happened. In past performances, the actors have handled the noise very well.*

Lucy Kopacz, 2nd Grade Teacher, Sultana Elementary School, Ontario, CA

*The show was very entertaining for the children. The materials for very young children were too difficult. Perhaps a two sided, simple handout with just the main concepts would be better.*

Ronnie Meister, Kindergarten Teacher, Valencia Elementary School, Upland, CA

*I would like props to include the water cycle diagram as it is being talked about.*

Karen Tanner, Kindergarten Teacher, Valencia Elementary School, Upland, CA

*The students love the play. So do I.*

Linda Williams, Kindergarten Teacher, Victoria Groves Elementary, Alta Loma, CA

*great lesson and kids loved it*

Gina Alexander, 1st Grade Teacher, Buena Vista Arts Integrtd Sch, Alta Loma, CA

*This was my first time watching the presentation and I thoroughly enjoyed it as did my students. It gave me great ideas as to how to present this material as well as additional resources I may use in the classroom. Great presentation! Thank you so much for offering this great resource.*

Sarah Escobedo, 6th Grade Teacher, Butterfield Ranch Elementary, Chino Hills, CA

*The program was funny and I liked that it played off of the X-Files and Men in Black. It made it fun for the teachers as well.*

Mia Cook, 3rd Grade Teacher, Central Elem School, Rancho Cucamonga, CA

*I am a substitute teacher. I do not expect anything from this . I do want to say that this is an awesome program and, a wonderful way of conveying a message.*

Kimberly Morris, 4th Grade Teacher, Central Elem School, Rancho Cucamonga, CA

*Job well done...actors were able to project and enunciate for a large group.*

T Watson, 4th Grade Teacher, Central Elem School, Rancho Cucamonga, CA

*Thank you for all you do. The students understand this important message!*

Stephanie Urquilla, 2nd Grade Teacher, Montera Academy of Academic Exploration, Montclair, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*This is highly engaging and informative.*

Lisa Walsh, 4th Grade Teacher, Alta Loma Elementary School, Alta Loma, CA

*Although it was a little young for the 6th grade students, they enjoyed the comedy aspect and were able to learn from it.*

Delanie Emilio, 6th Grade Teacher, Alta Loma Elementary School, Alta Loma, CA

*It was a joy and informative too.*

Denise Gumaer, 3rd Grade Teacher, Hidden Trails Elementary School, Chino Hills, CA

*good program*

Abigail Pinkstaff, 2nd Grade Teacher, Juniper Elementary, Fontana, CA

*Thank you.*

Lori Martin, 1st Grade Teacher, Juniper Elementary, Fontana, CA

*The booklets that were handed out are a little difficult for Kindergartner's. I would suggest making an activity book that is geared toward their age.*

Lauren Serrano, Kindergarten Teacher, Loving Savior Elementary School, Chino Hills, CA

*Everything was great! The kids were engaged. I gave the printed materials a low score only because it activities were too advanced for kindergarten. I just sent them home with the students.*

Erin Grebel, Kindergarten Teacher, Moreno Elementary School, Montclair, CA

*Geat Job!*

sandra milford, 3rd Grade Teacher, Moreno Elementary School, Montclair, CA

*Excellent show! I enjoyed it very much!*

Septimber Jones, 3rd Grade Teacher, Poplar Elementary School, Fontana, CA

*I would have liked for the presenters to have a microphone.*

Krista Olson, 4th Grade Teacher, Poplar Elementary School, Fontana, CA

*my students loved the show*

jennifer mendoza, 1st Grade Teacher, Poplar Elementary School, Fontana, CA

*Hard time hearing the actors*

Kimberly Chipman, Kindergarten Teacher, Ontario Center School, Ontario, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*Great program. The printed materials are too difficult for Kindergarten, but sent home to do with an adult if desired.*

Lynda Sherburn, Kindergarten Teacher, Loving Savior Elementary School, Chino Hills, CA

*The performance was fun, however I think it would have been more powerful for my kindergarten kiddos if there was more visuals. possibly use mics next time too.*

Erika Chavez, Kindergarten Teacher, Ontario Center School, Ontario, CA

*Please use microphones.*

Stacy Hicks, 3rd Grade Teacher, Ontario Center School, Ontario, CA

*It was fun and informative. It kept my TK's attention the whole show.*

Annette Kirchhoff, Pre-Kindergarten Teacher, Ontario Center School, Ontario, CA

*I feel this program will increase my students' understanding of water conservation.*

Steven Schulz, 2nd Grade Teacher, Poplar Elementary School, Fontana, CA

*It was a great and engaging program. Like that it was interactive way of learning important concepts.*

Janine Harwood, 2nd Grade Teacher, Rhodes Elementary School, Chino, CA

*The students really enjoyed the program.*

Claire Burris, Kindergarten Teacher, Rolling Ridge Elementary School, Chino Hills, CA

*Kids liked the humor*

Ellen Feyk, 4th Grade Teacher, Carnelian Elementary School, Rancho Cucamonga, CA

*The actors were great. The kids really enjoyed it.*

John Baugh, 5th Grade Teacher, Edison Academy, Ontario, CA

*Thank you for your support and presentation.*

Tara Pahia, 2nd Grade Teacher, Bear Gulch Elem School, Rancho Cucamonga, CA

*This was a great compliment to what was taught and reemphasized the importance of water.*

Debbie Rubano, 5th Grade Teacher, Bear Gulch Elem School, Rancho Cucamonga, CA

*I thought that the actors did a great job and were very professional. The students were captivated!*

Robyn Sierchio, 3rd Grade Teacher, Bear Gulch Elem School, Rancho Cucamonga, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*It was fun and engaging and my students loved it!*

Tiffani Bossieux, 3rd Grade Teacher, Berlyn Elementary School, Ontario, CA

*Was awesome*

Lewis Waddoups, Other, Berlyn Elementary School, Ontario, CA

*Thank you so much! Kids really enjoyed! It would be helpful to have the words "Evaporation, Condensation, Precipitation" written out so that children can actually see and read (and retain) information...even at the first grade level.*

Tami Emerson, 1st Grade Teacher, Edison Academy, Ontario, CA

*I think children enjoy learning through entertainment. I think they retain the information better when they can connect to it.*

Brandee Meyer, 3rd Grade Teacher, Edison Academy, Ontario, CA

*Actors were extremely engaging for the students.*

Brian McNeely, 5th Grade Teacher, Edison Academy, Ontario, CA

*The actors were engaging, involved the students, and very knowledgeable. It was a fun program! Thank you for coming to our school!*

Jennifer Fordyce, 6th Grade Teacher, E J Marshall Elementary, Chino, CA

*Performance was great, thank you for providing these programs.*

Sindy Cornejo, 4th Grade Teacher, E J Marshall Elementary, Chino, CA

*Thank you, the kids really enjoyed seeing live theater.*

Liliana Brito, 2nd Grade Teacher, Levi Dickey Elementary School, Chino, CA

*It was a great presentation, with high energy well choreographed, stylized funny, entertaining, and on the appropriate level for K*

Bridget Boyk-Paul, Kindergarten Teacher, Ontario Center School, Ontario, CA

*My students are 4 and 5 years old and it really held their attention. thank you*

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

*Kids had fun*

RoxAnn Venute, 1st Grade Teacher, St George Parish School, Ontario, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*I thought the actors were wonderful and very informative.*

Calli Frei, 2nd Grade Teacher, Alta Loma Elementary School, Alta Loma, CA

*The program was well thought out and relevant to today's movie and television watchers. The references to multiple shows and movie characters made it far more fun and interesting to learn from. Nicely done.*

Jennifer Kuse, 5th Grade Teacher, Creek View Elementary School, Ontario, CA

*Please engage the audience more when doing your performance. Also, please use songs in your performance so that young children can learn and retain your message. Thanks. Good performance!*

Juanita Leyva, Kindergarten Teacher, Hawthorne Elementary School, Ontario, CA

*Hearing the actors speak in English and Spanish helped all my students to understand the program. Students were highly engaged. Thank you.*

Joyce Johnson, Kindergarten Teacher, Hawthorne Elementary School, Ontario, CA

*I still need to check my mailbox on the materials. Excellent. Kinders understood it. Fun!*

Elizabeth Beall, Kindergarten Teacher, Hawthorne Elementary School, Ontario, CA

*The students enjoyed the performance. They were engaged and had a good discussion after.*

Gloria Gonzalez, Kindergarten Teacher, Hawthorne Elementary School, Ontario, CA

*I thought it was clever. The kids enjoyed the show.*

Ms. Hale, 1st Grade Teacher, Hermosa Elementary, Rancho Cucamonga, CA

*Great Job!!*

Mrs. Frye, 5th Grade Teacher, Hermosa Elementary, Rancho Cucamonga, CA

*It was very entertaining*

Katie Boesen, 1st Grade Teacher, Jasper Elementary School, Alta Loma, CA

*My class was engaged the entire time.*

Dionna Growsky, Kindergarten Teacher, Jasper Elementary School, Alta Loma, CA

*It was very well done and the actors were very professional!*

melissa martinez, 3rd Grade Teacher, Mountain View Elem School, Ontario, CA

*Great educational program!*

Maricela Dominguz, 1st Grade Teacher, Palmetto Elementary School, Fontana, CA

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*Loved the program! Thank you for coming. I tried to go online to fill his out at my school but the website is blocked for security reasons. I imagine if that was fixed many more of my colleagues would leave feed back. Thanks again!*

Ashley Dineley, 6th Grade Teacher, Hermosa Elementary, Rancho Cucamonga, CA

*Loved the program! Upbeat, engaging and entertaining. Thank you!*

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

*The performance was everything it needs to be. I hope there are more to come. Thank you.*

Curtis Quanstrom, 3rd Grade Teacher, Hermosa Elementary, Rancho Cucamonga, CA

*Excellent job- I loved it!*

Jennifer Yeutter, 5th Grade Teacher, Hermosa Elementary, Rancho Cucamonga, CA

*Program was great!*

Joseph Edmisten, 6th Grade Teacher, E J Marshall Elementary, Chino, CA

*I love this and look forward to hopefully having them come to our school again.*

Cindy Smith, 6th Grade Teacher, El Camino Elementary School, Ontario, CA

*great and funny show - the kid's LOVED it. Looking forward to seeing more from you guys next year.*

Serrina Arevalo, Kindergarten Teacher, El Camino Elementary School, Ontario, CA

*I appreciate free programs like this for our school community.*

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

*It was such an engaging performance. Extremely educational and informative. Students were very excited before, during, and after the performance. The actors were very Knowles able on the topic(s). Thank you so much!*

Angie Alano, 2nd Grade Teacher, El Camino Elementary School, Ontario, CA

*The play supplemented our science standards beautifully.*

Sendai Parker, 4th Grade Teacher, Mariposa Elementary School, Ontario, CA

*My class and I enjoyed the program. It was very entertaining and informative.*

Alison Merritt, 2nd Grade Teacher, Shadow Hills Elementary School, Fontana, CA

*What a great way to help our students learn!*

Nancy Aguirre, 5th Grade Teacher, Shadow Hills Elementary School, Fontana, CA



## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations received relating to Inland Empire's winter-spring 2018 tour.

*Students enjoyed it!*

Lori Michno, 3rd Grade Teacher, Berlyn Elementary School, Ontario, CA

*It was enjoyable and educational.*

Deanne Conroy, 5th Grade Teacher, Alta Loma Elementary School, Alta Loma, CA

*The actors were great! The students really enjoyed the school.*

Sandra Timpano, 1st Grade Teacher, Foothill Knolls School, Upland, CA

*Great enthusiasm from the actors. It could be more tailored to provide more details to the older grades.*

Ben Kwan, 4th Grade Teacher, Mountain View Elem School, Ontario, CA

*Another year with a great play. Thank you.*

Laura Munez, Pre-Kindergarten Teacher, Montera Academy of Academic Exploration, Montclair, CA

*Very lively, and great way to involve the students in the program.*

Debbie Inman, 5th Grade Teacher, Shadow Hills Elementary School, Fontana, CA

*The assembly was fabulous. It was entertaining for the students and the adults and provided valuable information to the students. The actors were incredible at not only acting, but keeping the students engaged, and making it exciting for them. Very well done!*

Andrea McClure, 4th Grade Teacher, Shadow Hills Elementary School, Fontana, CA

*The best program I've seen yet! I've been teaching 24 years and these guys were the absolute best!*

Michelle Adair, 1st Grade Teacher, Shadow Hills Elementary School, Fontana, CA

*Thank you for this wonderful experience! It has definitely enhanced our students' knowledge on conserving and not polluting our fresh water! :)*

Hilda Sanchez, 4th Grade Teacher, Ontario Center School, Upland, CA

*What a wonderful program for students!*

Nancy Aguirre, 5th Grade Teacher, Palmetto Elementary School, Fontana, CA



## TOUR SCHEDULE

1/21/2018 - 1/27/2018							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
1/22/2018	Locust Elementary School	7420 Locust Ave, Fontana, CA 92336	Fontana Water Company	450	15	2	1
1/23/2018	Newman Elementary School	4150 Walnut Ave., Chino, CA 91710	Monte Vista Water District	630	30	3	2
1/23/2018	East Heritage Elem School	14250 E. Constitution Way, Fontana, CA 92336	Cucamonga Valley Water District	500	17	2	1
1/24/2018	Lyle Briggs Fundamental School	11880 Roswell Ave, Chino, CA 91710	Monte Vista Water District	600	21	2	1
1/24/2018	Liberty Elementary School	2730 S Bon View, Ontario, CA 91761	City of Ontario	669	27	2	1
1/26/2018	Montera Academy of Academic Exploration	4825 Bandera, Montclair, CA 91763	Monte Vista Water District	600	30	2	1
1/26/2018	Victoria Groves Elementary	10950 Emerson Street, Alta Loma, CA	Cucamonga Valley Water District	325	14	1	1
1/28/2018 - 2/3/2018							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
1/29/2018	Sultana Elementary School	1845 S Sultana Ave, Ontario, CA 91761	City of Ontario	800	35	2	1
1/29/2018	Los Amigos Elementary School	8498 -9th St., Rancho Cucamonga, CA	Cucamonga Valley Water District	550	25	2	1
1/30/2018	Kingsley Elementary School	5625 Kingsley St., Montclair, CA 91763	Monte Vista Water District	610	30	2	1
1/31/2018	Valencia Elementary School	541 W 22nd Street, Upland, CA 91784	City of Upland	110	4	1	1
2/1/2018	Buena Vista Arts Integrtd Sch	5685 San Bernardino St., Montclair, CA 91763	Monte Vista Water District	410	16	2	1
2/1/2018	Ranch View Elementary School	3300 Old Archibald Ranch Road, Ontario, CA 91761	City of Ontario	525	18	2	1
2/4/2018 - 2/10/2018							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
2/6/2018	Redeemer Lutheran School	920 W 6th St, Ontario, CA 91762	City of Ontario	60	8	1	1
2/6/2018	Butterfield Ranch Elementary	6350 Mystic Canyon, Chino Hills, CA 91709	City of Chino Hills	670	25	2	1
2/7/2018	Michael D'Arcy Elementary	11645 Elm Ave, Fontana, CA 92337	Fontana Water Company	558	25	2	1
2/9/2018	Central Elem School	7955 Archibald Ave., Rancho Cucamonga,	Cucamonga Valley Water District	515	22	2	1
2/11/2018 - 2/17/2018							Counted
Date	School Name	School Address	Inland Distributor	Students	Teachers	Shows	Schools
2/13/2018	Moreno Elementary School	4825 Moreno St., Montclair, CA 91763	Monte Vista Water District	600	25	2	1
2/13/2018	Poplar Elementary School	9937 Poplar Ave, Fontana, CA 92335	Fontana Water Company	530	26	2	1
2/14/2018	Juniper Elementary	7655 Juniper Ave, Fontana, CA 92336	Fontana Water Company	600	20	2	1
2/15/2018	Alta Loma Elementary School	7085 Amethyst Ave., Alta Loma, CA 91701	Cucamonga Valley Water District	483	15	2	1
2/15/2018	Hidden Trails Elementary School	2250 Ridgeview, Chino Hills, CA 91709	City of Chino Hills	100	3	1	1
2/16/2018	Loving Savior Elementary School	14816 Peyton Dr., Chino Hills, CA 91709	City of Chino Hills	105	6	1	1
2/16/2018	Saint Margaret Mary School	12664 Central Ave., Chino, CA 91710	City of Chino Public Works	352	30	2	1

## TOUR SCHEDULE

2/18/2018 - 2/24/2018							Counted
Date	School Name	School Address		Students	Teachers	Shows	Schools
2/20/2018	Ontario Center School	835 N. Center Ave., Ontario, CA 91730	City of Ontario	620	29	2	1
2/21/2018	Foothill Knolls School	1245 Veterans Court, Upland, CA 91786	City of Upland	251	11	1	1
2/21/2018	Rhodes Elementary School	6655 Schaefer Ave, Chino, CA 91710-9106	City of Chino Public Works	300	15	1	1
2/22/2018	Levi Dickey Elementary School	2840 Parco Ave, Ontario, CA 91761	City of Ontario	525	20	2	1
2/22/2018	St Joseph School	905 N Campus Ave, Upland, CA 91786	City of Upland	280	14	2	1
2/23/2018	Rolling Ridge Elementary School	13677 Calle San Marcos, Chino Hills, CA 91709	City of Chino Hills	540	26	2	1
2/23/2018	Carnelian Elementary School	7105 Carnelian St., Rancho Cucamonga, 91701	Cucamonga Valley Water District	330	12	2	1
2/25/2018 - 3/3/2018							Counted
Date	School Name	School Address		Students	Teachers	Shows	Schools
2/26/2018	Edison Academy	515 E 6th St, Ontario, CA 91764	City of Ontario	500	20	2	1
2/27/2018	Bear Gulch Elem School	8355 Bear Gulch Place, Rancho	Cucamonga Valley Water District	540	22	2	1
2/27/2018	St George Parish School	322 West D Street, Ontario, CA 91762	City of Ontario	200	8	2	1
2/28/2018	Berlyn Elementary School	1320 N Berlyn Ave, Ontario, CA 91764	City of Ontario	658	34	2	1
3/1/2018	E J Marshall Elementary	12045 Telephone Ave., Chino, CA 91710	City of Chino Public Works	500	17	2	1
3/1/2018	Palmetto Elementary School	9325 Palmetto Ave, Fontana, CA 92335	Fontana Water Company	290	10	1	1
3/4/2018 - 3/10/2018							Counted
Date	School Name	School Address		Students	Teachers	Shows	Schools
3/8/2018	Carden Arbor View School	1530 N San Antonio Ave, Upland, CA 91786	City of Upland	98	6	1	1
3/8/2018	Mountain View Elem School	2825 Walnut Street, Ontario, CA 91761	City of Ontario	438	15	2	1
3/9/2018	Jurupa Vista Elementary School	15920 Village Drive, Fontana, CA 92337	Fontana Water Company	190	10	1	1
3/11/2018 - 3/17/2018							Counted
Date	School Name	School Address		Students	Teachers	Shows	Schools
3/12/2018	Hawthorne Elementary School	705 W Hawthorne, Ontario, CA 91762	City of Ontario	200	8	1	1
3/12/2018	Jasper Elementary School	6881 Jasper St., Alta Loma, CA 91701	Cucamonga Valley Water District	277	20	1	1
3/15/2018	Creek View Elementary School	3742 Lytle Creek Loop, Ontario, CA 91761	City of Ontario	569	24	2	1
3/16/2018	Hermosa Elementary	10133 Wilson Ave., Rancho Cucamonga, CA 91701	Cucamonga Valley Water District	600	25	3	2
5/13/2018 - 5/19/2018							Counted
Date	School Name	School Address		Students	Teachers	Shows	Schools
5/15/2018	El Camino Elementary School	1525 W 5th Street, Ontario, CA 91762	City of Ontario	520	31	2	1
5/15/2018	Shadow Hills Elementary School	14300 Shadow Drive, Fontana, CA 92337	Fontana Water Company	350	16	2	1
5/17/2018	Windrows Elementary School	6855 Victoria Park Lane, Rancho Cucamonga,	Cucamonga Valley Water District	-	-	-	1
5/17/2018	Mariposa Elementary School	1605 E D Street, Ontario, CA 91764	City of Ontario	260	10	1	1
<b>Grand Totals (48 records)</b>				<b>20,388</b>	<b>890</b>	<b>83</b>	<b>50</b>
<i>Per the terms of the agreement, each school with 3 or more performances will count as an additional school.</i>							
<i>* School requested cancellation, billable per the terms of the agreement.</i>							

## MEDIA COVERAGE



**benzinga** Benzinga Pro Marketly Financial Data & APIs Events Premarket Prep

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**California Students Laugh, Learn Thanks to Inland Empire Utilities Agency**

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January 17, 2018 3:11am | Comments

*Inland Empire Utilities Agency (IEUA) and The National Theatre for Children (NTC) have partnered to educate and inspire California students and their families.*

INLAND EMPIRE, Calif. (PRWEB) January 17, 2018

Inland Empire Utilities Agency (IEUA) and The National Theatre for Children (NTC) have partnered to educate and inspire California students and their families. From January 22 to March 2, professional actors from NTC will visit 50 elementary schools with live performances of *Men in Plaid: The Water Files*, sparking conversations on water conservation in classrooms throughout IEUA's service area.

The program will focus on the uses of water, the importance of water, ways in which water is wasted, and how to conserve water.

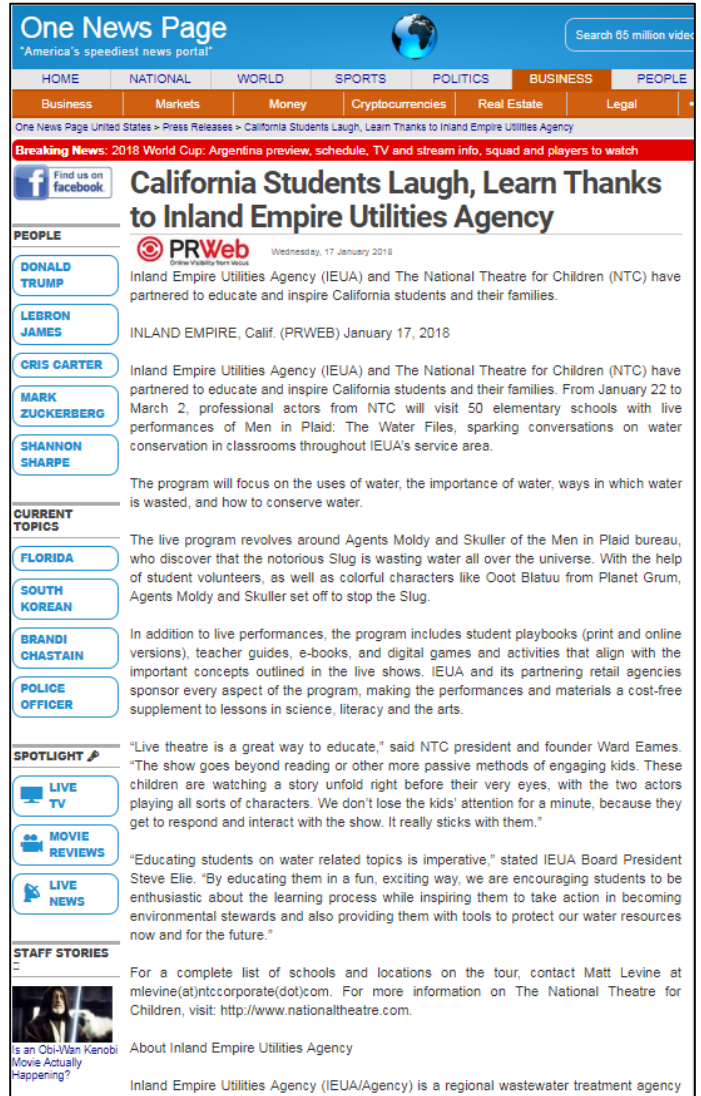
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In addition to live performances, the program includes student playbooks (print and online versions), teacher guides, e-books, and digital games and activities that align with the important concepts outlined in the live shows. IEUA and its partnering retail agencies sponsor every aspect of the program, making the performances and materials a cost-free supplement to lessons in science, literacy and the arts.

"Live theatre is a great way to educate," said NTC president and founder Ward Eames. "The show goes beyond reading or other more passive methods of engaging kids. These children are watching a story unfold right before their very eyes, with the two actors playing all sorts of characters. We don't lose the kids' attention for a minute, because they get to respond and interact with the show. It really sticks with them."

**Benzinga**  
January 17, 2018

<https://www.benzinga.com/pressreleases/18/01/p1103804/2/california-students-laugh-learn-thanks-to-inland-empire-utilities-agen>



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**California Students Laugh, Learn Thanks to Inland Empire Utilities Agency**

PRWeb Wednesday, 17 January 2018

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"Educating students on water related topics is imperative," stated IEUA Board President Steve Elie. "By educating them in a fun, exciting way, we are encouraging students to be enthusiastic about the learning process while inspiring them to take action in becoming environmental stewards and also providing them with tools to protect our water resources now and for the future."

For a complete list of schools and locations on the tour, contact Matt Levine at [mlevine@ntccorporate\(dot\)com](mailto:mlevine@ntccorporate(dot)com). For more information on The National Theatre for Children, visit: <http://www.nationaltheatre.com>.

About Inland Empire Utilities Agency  
Inland Empire Utilities Agency (IEUA/Agency) is a regional wastewater treatment agency

**One News Page**  
January 17, 2018

<https://www.onenewspage.us/n/Press+Releases/75in19dor/California-Students-Laugh-Learn-Thanks-to-Inland-Empire.htm>

## MEDIA COVERAGE

**SFGATE** LOCAL NEWS SPORTS REAL ESTATE BUSINESS A&E FOOD LIVING TRAVEL OBITUARIES

### California Students Laugh, Learn Thanks to Inland Empire Utilities Agency

PRWeb Published 8:00 am, Wednesday, January 17, 2018

✉ f t p c s

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**SF Gate (San Francisco, CA)**  
January 17, 2018

<https://www.sfgate.com/business/press-releases/article/California-Students-Laugh-Learn-Thanks-to-Inland-12503390.php>

**Chron.com**  
January 17, 2018

<https://www.chron.com/business/press-releases/article/California-Students-Laugh-Learn-Thanks-to-Inland-12503390.php>

**Chron** Local US & World Sports Business Entertainment Life

### California Students Laugh, Learn Thanks to Inland Empire Utilities Agency

PRWeb Published 10:00 am, Wednesday, January 17, 2018

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**An In-school Water Conservation Program  
Final Evaluation Report  
Winter-Spring 2018**

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 2017-2018*





## 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.

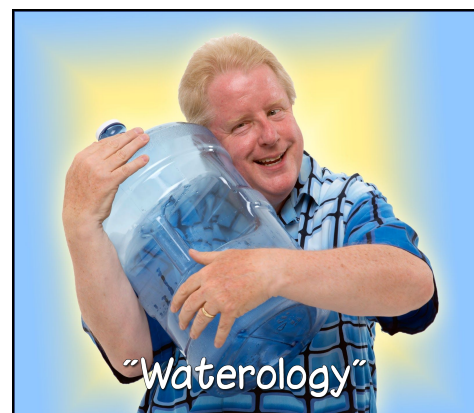
**Original water education songs** - Our songs not only raise the energy in the room and engage students, but they stay in the minds of students and teachers long after the performance.

**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)

**FY 17/18**

School:	Date:	Show:	Grade the show:	Please share your impression of the assembly:	Your name:	Grade you teach:
Randall Pepper Elem. School	01/12/2018	H2O Where Did You Go? Assembly	A+	Very energetic and enjoyed by the students.	Randi Carbajal-Cuccia	Principal
Sierra Vista Elem. School	01/25/2018	Waterology Assembly	A	Assembly was great but the presenters bed side manner to the staff was concerning. Was frustrated at the room and didn't treat our custodian and noon aides with courtesy. He seemed to be annoyed.	Roxanne Alvarez	Office Manger
DW Long Elem. School	01/31/2018	H2O Where Did You Go? Assembly	A	Interactive and engaging	Gene Yarrobino	Principal
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	It was lively, informative, & fun. The kids really loved being involved and the guys chose "actors" so well. The kids had a blast and it aligned with our 5th grade curriculum perfectly! THANKS!!!	Jenn Battista	5
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	GREAT Assembly - my favorite water assembly ever! I love how they incorporated the students and the staff! Lots of great energy! Love it! Students had a blast!	Barber	2
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	Students loved it!	Michele Haefner	4th
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A	The students said it was the best one. I believe they liked it because everyone interacted.		4
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	Fun and educational!		
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	B		Sorensen	3
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A	Fun	Done	5
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	I loved it and so did my kids. Really liked how they involved the kids and their songs were great!	Diane	5th

**FY 17/18**

School:	Date:	Show:	Grade the show:	Please share your impression of the assembly:	Your name:	Grade you teach:
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	Very upbeat and informative	Stacy	1
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	Fun and interactive!	Izaguirre	1
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	Very engaging. Held students attention/interest.	Sandra Zamora	5
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	It was very funny and the kids really enjoyed it.	Alison Garner	3
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	I loved it, and more importantly, the kids loved it. The whole school was so into it. I think the students had a great time, and they learned a lot of information as well.	Tony Bomortino	2
Windrows Elem. School	02/07/2018	H2O Where Did You Go? Assembly	A+	So fun! The guys were super talented, best water performance I have ever seen. :)	Sonja Marlisa	1-2 Special Ed
Etiwanda Colony Elem. School	03/23/2018	H2O Where Did You Go? Assembly	A+	They were awesome performers. Rebecca was funny and witty. The teachers and students laughed and learned a lot.	Dr. Davids	Assistant Principal

*Garden in Every School*

*FY 2017-2018*



GARDEN IN EVERY SCHOOL

## Garden in Every School Mini-Grant Fund Allocation

<b>FY 2017-2018</b>		
<b>Schools</b>	<b>Grant Amount</b>	<b>Items Purchased</b>
<i>Arroyo Elementary</i>	\$1,000.00	Raised garden beds, gopher shield materials, pumpkin seeds, mulch, garden gloves, plants, rakes, fruit trees, and garden soil.
<i>Briggs Elementary</i>	\$617.44	Planter soil, plants, garden gloves, and plant food.
<i>Citrus Elementary</i>	\$903.27	Mulch, raised bed soil, vegetable seed packets, and vegetable plants.
<i>Country Springs Elementary</i>	\$679.27	Cedar bark, raised bed materials i.e. nails, pine wood, washer, and screws.
<i>Grapeland Elementary</i>	\$1,000.00	Planting mix, fruit trees, irrigation supplies, riser, elbow, and vegetable plants.
<i>Hidden Trails Elementary</i>	\$1,000.00	Citrus tree, hand trowels, broom, plants, and rodent shield materials.
<i>Montclair High School</i>	\$1,000.00	Vegetable plants and seeds, rake, shovel, pruner, garden soil, mixed plants, and a garden hose.
<i>Pepper Tree Elementary</i>	\$912.30	Succulents & drought tolerant plants, herb variety, poppy seeds, fruit trees, vegetable plants, kneeling pad, garden gloves, shovel, rake, and hand trowels.
<i>Rolling Ridge Elementary</i>	\$1,000.00	Raised garden bed, bucket, planting soil, peat pots for seed germination, plants, rake and plant food.
<i>Stork Elementary</i>	\$960.99	Garden hose cart, drip irrigation supplies, hose nozzle, rodent repellent, hand shear/pruner, rake, and shovels.
<i>Townsend Jr. High</i>	\$623.78	Vegetable plants and seeds, plant food, broom, watering cans, hose nozzle, and tomato vine frames.
<i>Truman Middle School</i>	\$992.03	Kneepads, weed removers, broom, garden gloves, hand edger, and mulch.
<b>Total</b>	<b>\$10,689.08</b>	

# Project W.E.T. & Garden in Every School® Workshop

**TUESDAY, FEBRUARY 27, 2018**

**8:00 AM-3:00 PM**

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\*

School

Substitute reimbursements may be available!

RSVP to Katie Cabana by **February 15, 2018**  
(909) 993-1925 or [kcabana@ieua.org](mailto:kcabana@ieua.org)

\* ATTENDANCE AT THIS WORKSHOP IS MANDATORY FOR THOSE INTERESTED IN APPLYING FOR THE 2018/19 GARDEN IN EVERY SCHOOL® PROGRAM.

PARTNERING AGENCIES: CHINO | CHINO HILLS | CUCAMONGA VALLEY WATER DISTRICT | FONTANA WATER COMPANY | MONTE VISTA WATER DISTRICT | ONTARIO MUNICIPAL UTILITIES COMPANY | UPLAND



6075 KIMBALL AVE. CHINO, CA 91708  
IEUA.ORG



# Garden in Every School® Program

- Program began in 2004
- Installed 56 gardens in 13 years
- 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
- 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



# GIES Mini-Grant Overview

The 2017-2018 GIES Mini-Grant program is designed to revisit schools with existing gardens established by IEUA to provide funding toward garden improvements including irrigation and plant replacement, and offer advice for a healthy thriving garden.

- **\$1,000 mini-grant**
- **School representative must attend workshop to be eligible**
- **Site visits with IEUA staff and garden expert**
- **Pre-approved list of materials to be purchased and must submit receipts for reimbursement**





# SITE INSPECTIONS INCLUDE:

- ✓ Check irrigation is working and water efficient
- ✓ Check plants, mulch and soil material
- ✓ Bridge any communication gaps between school and maintenance staff
- ✓ Provide expert advice
- ✓ Make recommendations on improvements and supplies



# WHAT THE MINI-GRANT DOES NOT INCLUDE

- Longevity Maintenance
- Installation
- Additional Labor
- Grant funding cannot be used to purchase non-related garden materials including text books, fences, benches, water features, etc.





*Inland Empire Utilities Agency*  
A MUNICIPAL WATER DISTRICT

# *Garden in Every School<sup>®</sup>* *Evaluation Report*



**Prepared by:  
Internal Audit Department  
May 31, 2018**

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## **Executive Summary**

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### **Business Goal**

*The Garden in Every School® program is consistent with the Agency's Business Goals of Environmental Stewardship, Water Reliability, and Business Practices by the installation of water wise gardens at schools (grades K-12) that engage and promote environmental responsibility, water use efficiency and reliability, and further the Agency's Vision to enhance and preserve the quality of life throughout the region by engaging in public outreach through education programs that benefit the community.*

*The Internal Audit Department's (IA) evaluation of the Garden in Every School® program is consistent with the Agency's Business Goals of Fiscal Responsibility, Workplace Environment and Business Practices by ensuring objective, independent evaluations provide recommendations for improving and safeguarding the Agency's fiscal health, promote a strong control environment and assist management in achieving organizational goals.*

### **Authority**

At the request of the Audit Committee Chair and with direction from the General Manager, IA collaborated with External Affairs (EA) and the Planning and Environmental Resources (Planning) Departments to perform an evaluation of the Garden in Every School® (GIES) program. Since its inception in 2004, the program has led to the installation of gardens at 62 schools within IEUA's service area.

### **Scope**

The objectives of the evaluation were to:

- Evaluate if the gardens are being used as intended
- Evaluate whether students are receiving value from the garden
- Identify observations and opportunities to improve the program

### **Audit Procedures Applied**

- Interviews of Agency staff
- Interviews of school administration
- Interviews of Chino Basin Water Conservation District staff
- Physical observations of gardens
- Review of supporting information
- Review of prior evaluation reports for the program

### **Summary of IA Observations**

IA observations include (additional information and details are included in the full report):

- The GIES program began in 2004/05
- It costs between \$12,000 and \$50,000 a year to implement the GIES program (not including staff time and other indirect costs to manage the program)
- 62 gardens have been installed since the inception of the program
- 47 (76%) of the gardens are still in existence, although some of these have been abandoned or serve only as landscape features
- 15 (24%) have been removed for various reasons (construction, closure, other)
- 12 of the 47 gardens still in place, were awarded a \$1,000 “mini-grant” during this fiscal year (2017/18)
  - 5 of the 12, previously received a mini-grant in 2013/14
  - 4 of the 12, installed their original garden last year (2016/17) and were awarded a mini-grant the following year
- 35 (74%) of the 47 gardens still in existence, were physically observed by either IA or EA (those that did not receive a “mini-grant” this fiscal year).
- 6 (17%) of the 35 gardens observed, are not actively used by the school (drought tolerant landscape) and 11 (31%) get “minimal” use for education purposes
- IEUA’s EA and Planning staff spend significant time working to select the gardens, provide training to schools, coordinating the installation of gardens, providing curriculum material and reviewing budget and other information to ensure the program is implemented.

### **Summary of IA Recommendations**

IA provides the following recommendations for staff’s consideration. Additional background and detailed information about each observation and recommendation is provided in the attached report, External Affairs’ responses have also been incorporated throughout the report.

1. Reevaluate, update and document the goals and objectives for the GIES program to ensure that the program is aligned with the Agency’s vision, mission, goals and objectives. The Agency should consider whether the GIES program is the most effective means to meet Agency goals and evaluate whether the program ensures those goals are addressed.
2. Determine how best to coordinate the various responsibilities for the GIES program. Currently two different Agency departments are responsible for different functions to manage the program, one (Planning) manages the contract with Chino

Basin Water Conservation District and the related fund and budget for the program. The other (EA) manages the program implementation. Additionally, CBWCD acts as the outside contractor and completes the garden installations. The Agency should consider what efficiencies could be achieved, through either consolidating or at minimum, scheduling periodic progress meetings or workshops with all parties to discuss the program goals, achievement of those goals, lessons learned, things that need to be changed, and how best to provide greater authority and accountability to effectively manage the program.

3. Provide an annual written and oral report to the Board of Directors about the GIES program, that includes:
  - The program's goals and objectives and how those align with Agency goals,
  - how the program addressed and met those goals,
  - funding, costs/expenses, and resources,
  - participating school information,
  - school selection process,
  - number of students who potentially benefit and/or participate in the program
  - updated pictures showing the conditions of the gardens
  - program participant survey results, and
  - program assessment and recommendations
4. Continue to oversee and monitor installed gardens at schools, including:
  - conducting periodic follow-up site-visits and evaluations to ensure that both, the Agency's and the GIES program, goals and objectives are carried out,
  - providing school administrators with additional, well-defined guidelines, requirements and expectations,
  - ensuring gardens are used as intended and students participate in hands-on learning activities.
5. Employ a proactive method to remain in close contact and communication with the schools that have installed gardens, ideas include:
  - Ensuring adequate professional staffing for this function,
  - obtaining up-to-date contact information each fall for each school that has participated in the GIES program, including verifying the current Principal from a review of School District information and the school's website and confirming by making in-person, e-mail and/or telephonic contact with appropriate school personnel to ensure contact information is up to date,
  - providing and regularly updating a blog, newsletter or other on-going correspondence to ensure continuous and consistent communication with schools throughout the school year, and
  - creating and providing to all participating schools an up-to-date directory of past and current GIES school participants so that schools can network with one another and share resources and information.

6. Provide each school with permanent identifying information to post in the garden such as a sign or plaque that includes information about the garden's sponsors (IEUA, member agency and other) including the Agency's website and contact information so that future school administrators and garden visitors are aware of IEUA, including who and where to contact if the garden requires attention.
7. Develop a post-implementation evaluation of gardens after they have been in existence for an agreed upon amount of time. The purpose would be to gather feedback and information about the materials and equipment used for installing the garden and ensure this meets both the goals of the program and needs of the schools; or if anything needs to change. All parties involved in the installation, including Agency staff and most importantly the contractor, CBWCD should observe and discuss the following:
  - best materials for garden creation,
  - irrigation effectiveness and how to best demonstrate water-use efficiency,
  - timer systems effectiveness and access to electricity,
  - programmatic implications for the school's curriculum, and
  - proportion of the students with access or involvement with the garden.

In discussions with school principals and teachers who have participated in the GIES program, many are very happy and excited about their gardens. They indicated that they believe in and appreciate the GIES program and the opportunity; however, they do not always have the time or resources to make the gardens a high priority given the constraints of the regular school schedule, education requirements and sometimes the lack of support and/or funding. However, several gardens appear to be in great shape and are fully utilized for students to engage in hands-on learning activities.

Of the 62 gardens installed through the Garden in Every School® program, 15 have been removed, 6 consist of drought tolerant landscaping features and 11 receive only minimal use, leaving 30 (48%) that are still in existence and being actively used for educational purposes. Moving forward with the GIES program, staff should evaluate the program and consider implementing the recommendations made in this report, or determine alternate approaches to address the observations identified through this review.

### **External Affairs Department's Response**

The GIES program has many opportunities to continue to grow and evolve. The program acts as a valuable resource to students, educators, administrators and the community about water-use efficiency and provides a communication opportunity to discuss incorporating State educational standards and opens the door to other Agency-offered water education programs while making water-use efficiency connections.

It is important to consider the educational trends that include STEM (Science, Technology, Engineering and Math) and NGSS (Next Generation Science Standards) within the school curriculum. The GIES program and related curriculum development and training from Project WET (Water Education for Teachers) allows educators an opportunity to implement these standards into their everyday curriculum.



## **Internal Audit's Report of the Garden in Every School® Program**

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### **GIES Program Background**

At the request of the Audit Committee Chair and with direction from the General Manager, the Internal Audit Department (IA) collaborated with the External Affairs Department (EA) and the Planning and Environmental Resources Department (Planning) to perform an evaluation of the Garden in Every School® (GIES) program.

Since its inception in 2004 the GIES program has installed school gardens at 62 K-12 schools within IEUA's service area. Of the 62 gardens, 15 (24%) gardens have been removed. Of the 62, 12 (19%) gardens are current year recipients of mini-grants where the schools received additional funding (up to \$1,000) to spruce up their existing gardens and purchase tools and equipment ("mini-grants" are explained in more detail later in this report). Those 12 gardens were not physically evaluated as part of this review under the expectation that current garden work is underway. For this evaluation, IA participated in site visits and the assessment of the remaining 35 gardens (56%). This report, provides observations and recommendations based on the evaluation of the 35 gardens.

The GIES program is operated by EA, which is responsible for the Agency's community relations, public outreach and education programs. EA performs outreach, works closely with schools and provides information and an educational seminar and are responsible for monitoring the application and selection process for new gardens and mini-grants. Planning is responsible for determining available funding, monitoring expenses of the program and securing the contract and working closely with the Chino Basin Water Conservation District (CBWCD). CBWCD is contracted by IEUA for the design and installation of the school gardens, including building the vegetable beds, installing the irrigation system and controllers, planning the selected plants and trees and providing advice on the garden needs to the school. CBWCD bills IEUA for labor for installation of the gardens. The individual schools are responsible for the on-going success of their garden and using it for hands-on student educational activities.

### **Garden in Every School® Program Information**

IEUA implemented the GIES program in the 2004-2005 fiscal year with the selection of seven schools as the initial recipients of garden installations. Since then, a total of 62 gardens have been installed throughout the IEUA service area. The goal of the program is described in the purpose statement in the application form that prospective schools are provided and must complete. The purpose statement has remained consistent over the life of the program. The description states:

**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.**

Over the years, the program has evolved while maintaining the goal of promoting water conservation education programs. The program now cycles between years when new gardens are installed (generally up to four gardens a year) and years when mini-grants are provided to 12 to 14 schools to help improve existing gardens. Mini-grants were provided in the 2013/14 and 2017/18 program years. Mini-grants are additional funding, up to \$1,000 to help the school spruce up their existing garden and to purchase needed tools and supplies.

**Funding for the GIES program**

Funding for the GIES program is provided primarily from the Meter Equivalent Unit (MEU) charges paid by the Agency’s member water agencies (Chino, Chino Hills, Fontana Water Company, Monte Vista Water District, Ontario, Upland and Cucamonga Valley Water District). These funds are intended to support the Agency’s water fund and water conservation projects and provide the Agency between \$4 million and \$5 million in revenues annually. The funds target projects that include water conservation program efforts including the GIES program. IEUA staff discuss potential water conservation efforts with the member agencies annually including the funding for the GIES program. Total projects undertaken are based on an annual consensus between IEUA and its member agencies.

IEUA’s GIES program currently provides a \$4,500 grant to each school (up to 4 schools per fiscal year) for direct costs of plants, materials and supplies needed for the installation of the garden in the selected schools, all located within the Agency’s service area. The grant is used directly for the necessary, garden-related items at the school. In addition, the GIES program separately funds the labor costs for designing and installing the gardens through a contract between CBWCD and the Agency. These labor costs are paid through the GIES program in addition to the schools’ \$4,500 grant amount. The CBWCD contracting costs are billed to the Agency directly by CBWCD, according to agreed-upon contract terms.

In some years, instead of establishing new gardens, the Agency has offered support grants (mini-grants) of up to \$1,000 to existing school gardens to be used to rehabilitate and improve existing GIES gardens.

**Number of Gardens Installed in the recent Fiscal Years:  
 (IEUA costs funded from the Meter Equivalent Unit charges from member agencies)**

<b>Year</b>	<b>Grant</b>	<b>Total Schools</b>	<b>Total Given to Schools</b>
2011/12	Gardens (\$4,500 each)	4 Schools	\$18,000
2012/13	Gardens (\$4,500 each)	4 Schools	\$18,000
2013/14	Mini-Grants (\$1,000 each)	14 Schools	\$14,000
2014/15	Gardens (\$4,500 each)	3 Schools	\$13,500
2015/16	Gardens (\$4,500 each)	6 Schools	\$27,500
2016/17	Gardens (\$4,500 each)	4 Schools	\$18,000
2017/18	Mini-Grants (\$1,000 each)	12 Schools	\$12,000
2018/19	Gardens (\$4,500 each)	4 Schools (*in progress)	\$18,000

The design and labor for the gardens is provided by CBWCD through a subcontract with IEUA. The amounts shown below are totals paid to CBWCD also paid for out of the Meter Equivalent Unit charges. The budgeted contractual amount for these services in recent years has been as follows:

2016-2017:	\$ 27,470
2017-2018 (mini-grant year, no new gardens installed):	\$ 0
2018-2019:	\$ 33,000

Therefore, the total spent to install gardens in the most recent 3 fiscal years is:

Year	Activity	Grant Monies Given to Schools	CBWCD (Costs for Design & Installation Labor)	Total Direct Costs	Additional Indirect Costs not calculated or included as part of Total Direct Costs
2016/17	4 new garden installations \$4,500/ea	\$18,000	\$27,470	\$45,470	IEUA staff time: Supervise CBWCD contract, school application/selection process, dedication ceremony, Project WET implementation, etc.
2017/18	12 \$1,000/ea mini-grants	\$12,000	\$0	\$12,000	IERCF staff time for evaluation of mini-grant school sites. IEUA staff time: School mini-grant application/selection process, dedication ceremony, Project WET implementation, etc.
2018/19	4 new garden installations \$4,500/ea	\$18,000	\$33,000	\$51,000	IEUA staff time: Supervise CBWCD contract, school application/selection process, dedication ceremony, Project WET implementation, etc.

Although these dollar-amounts may not appear to be material or significant when compared to the Agency’s overall expenses, programs and budgeted activities, the question to be answered is whether the funds and staff time are being utilized in the most effective ways to meet the intended overall Agency goals.

**Process for Installing a Garden**

EA hosts an annual Project WET (Water Education for Teachers) workshop for educators in IEUA’s service area using educational curriculum developed by the Project WET Foundation. This full-day workshop, organized, hosted and taught by EA staff, provides hands-on water education training. Attendance is mandatory for any school applying for the installation of a new garden or a mini-grant to sustain existing gardens.

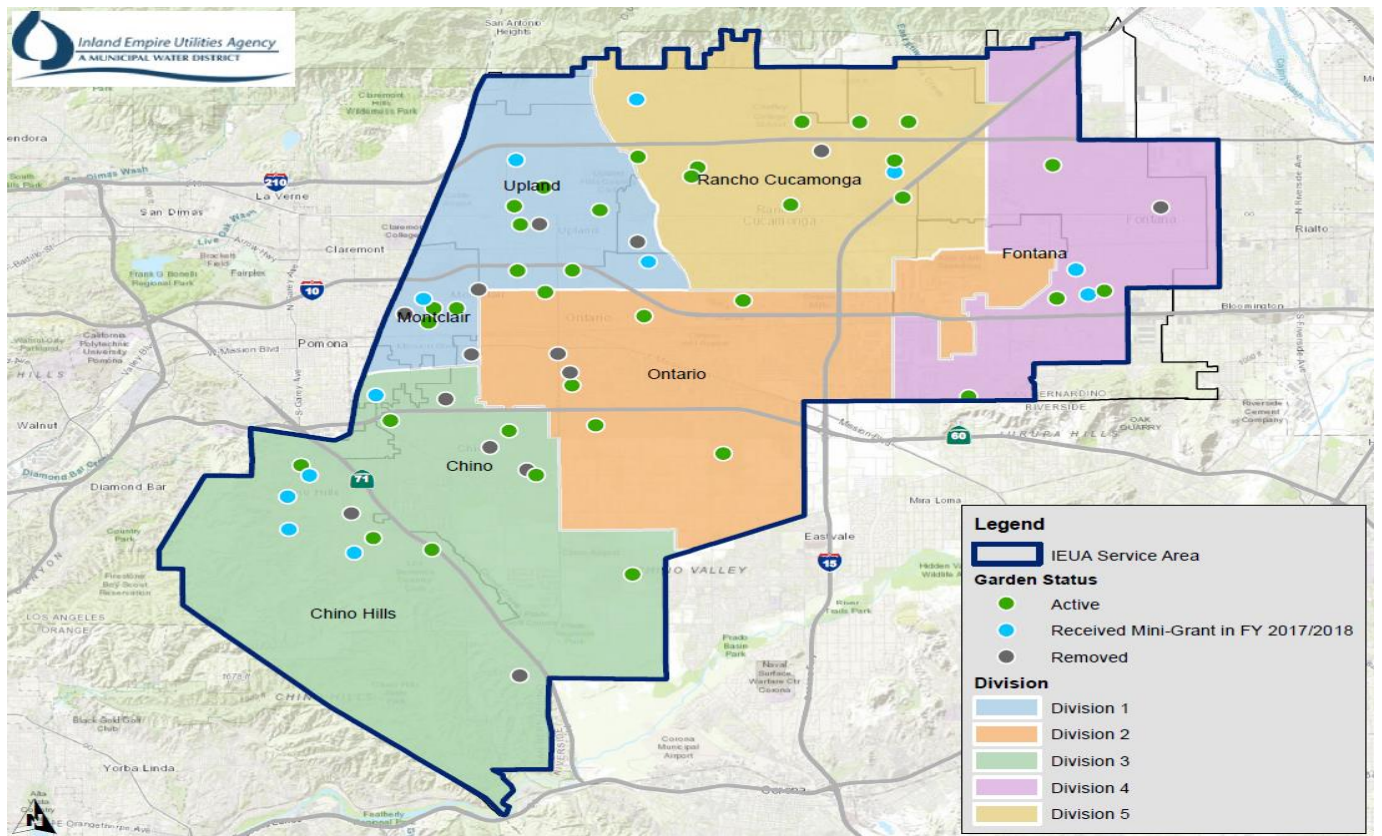
Each year various factors are taken into consideration to determine which type of grant to offer. These include interest shown in new gardens versus interest in maintenance of gardens and whether member agency representatives believe it is a good time to offer mini-grants versus new gardens.

The actual planning, design and installation of the gardens is contracted to the Chino Basin Water Conservation District (CBWCD). CBWCD works with schools to plan and design their gardens during the spring after the schools have been selected. Schools are then responsible for clearing their sites and ensuring and providing access to water and

electricity. In the fall and winter the final design is agreed upon and installation of the garden is performed by CBWCD. This requires several days of manual labor on the part of CBWCD. Once the garden has been installed and the planting done, the school and IEUA host a dedication ceremony, generally in conjunction with an already existing school event, inviting IEUA Board members, local elected officials, school district administrators and community members. Once responsibility for the garden has been transferred to the school site, there is little to no additional follow-up by IEUA or CBWCD, although both organizations are available as a resource. The intention is for the school site to develop ownership of the garden and take responsibility for its ongoing success. Periodically, IEUA makes site visits/inspections to review the condition of the school gardens.

**IEUA Service Area – GIES Map**

The map below that shows the location and the status of the 62 gardens, by Division.



## Internal Audit's Observations and Recommendations

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### **Observation 1: Program Goals and Objectives**

***The GIES program should be reevaluated to formally document the goals and objectives of the program. The goals should be measurable so that these can be evaluated periodically. The Agency should consider whether the GIES program is the most effective means to meet Agency goals and evaluate whether the program ensures those goals are addressed. Additionally, the Agency should ensure the goals of the program are aligned with the Agency's overall vision, mission, goals and objectives.***

Once measurable program goals and objectives are established and documented, the Agency can measure the program's effectiveness and its achievements. The Agency should evaluate the GIES program in the context of all outreach efforts that promote water-use efficiency and consider the most effective use of the Agency's and its member agencies' time and resources to achieve the overall program goals.

The introduction to the GIES grant application that schools read and complete states the program's purpose as:

*"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."*

Since its inception in 2004, the GIES program has installed 62 gardens in various schools in grades K-12 within IEUA's service area. The gardens are created and utilized as the school's administration determines best. For that reason, the gardens vary greatly from site to site; some are drought tolerant gardens and consist mainly of a landscaped area at the school, other gardens are fully utilized for vegetables, fruits and other flowers where hands-on activities are taught. Other gardens have been neglected and are not used for any purpose due to staff changes and turnover, a lack of staff time and school resources or a lack of knowledge, interest or commitment. Of the 62 gardens installed through the GIES program, 15 have been removed, 6 consist of drought tolerant landscaping features and 11 receive only minimal use, leaving 30 (48%) that are still in existence and being actively used for educational purposes.

CBWCD, the Agency's contractor responsible for the installation of gardens, indicated that they work to install any type of garden that the schools believe would be best to meet their requirements (with final discussion and approval from IEUA, who ensures gardens should be low water-use). The original garden design is a collaboration mostly between school administration and teachers with input from CBWCD. Some schools have installed gardens that provide learning opportunities about planting crops and the crop lifecycle rather than specifically promoting water-use efficiency. Also, the Agency's contractor, CBWCD generally prefers to use low-flow sprinkler heads in most school gardens rather

than teaching about water-use efficiency through drip irrigation out of concern that children digging around in the planting beds could damage drip irrigation systems.

The new *Next Generation Science Standards for California Public Schools, Kindergarten through Grade Twelve* (CA NGSS or NGSS) as required by California *Education Code* 60605.85 are currently in the implementation phase throughout the state. These new standards emphasize hands-on learning and exploration. This seems to have prompted GIES schools to take another look at their gardens and build curriculum using these standards. Thus, planting beds, butterfly/bee habitat gardens and other more interactive uses are being explored. The question is whether such use is consistent with the original purpose of the garden installation and the grant requirements.

During site visits and observations, IA noted instances not consistent with the original garden installation or the original requirements of the grant. The grant application and process do not provide for continuing involvement with IEUA that would ensure that schools continue to support the Agency's goals and/or the original purpose of the GIES:

- Of the original 62 gardens, 47 (76%) of the gardens are still in place and used in one way or another.
- 15 (24%) have been removed entirely for reasons such as making room for new construction or due to school closures, etc.
- Six (10% of 62 total) of the 47 gardens were purely displays of drought-tolerant landscaping with no need for active student involvement. In several others, a portion of the garden was set aside to demonstrate drought tolerant landscaping.
- 11 (18% of 62 total) of the 47 gardens receive only minimal use.
- At least six schools (10%) were not aware of IEUA or of IEUA's involvement in the establishment of their school garden.
- Irrigation system issues were common. At various sites where a timer was in use, no one knew how to operate it. At other sites, battery operated timers had been set aside because of the cost of regularly changing batteries. And, at other sites, the school district maintenance staff had either set all the irrigation areas on the same watering schedule or converted the watering schedule to the school-wide schedule. And finally, at yet other sites, all watering was being done manually, because there was no awareness of any prior automated system.
- All sites had issues with summer breaks. Solutions ranged from letting the garden die and starting fresh in the fall to having a dedicated teacher come to the school regularly on their own time to weed and water and everything in between. In two instances the on-site custodian would try to maintain the garden during the summer.

Gardens that were successful, fully operational and used by students for educational purposes, had either a committed and passionate teacher/administrator or an involved principal that ensured the use of the gardens for hands-on learning opportunities and enjoyment. If a garden had been abandoned, it required a new passionate teacher or principal to restore the abandoned garden. Restoration efforts included a creative teacher with the desire to refurbish the garden through grant writing to Home Depot and other sources, former students or relatives of teachers renovating a garden as their Eagle Scout project, and/or committed parent support or donations. Generally, passionate teachers, principals and/or their families also invested their own time and resources.

**Recommendation #1:**

***The goals and objectives for the GIES program should be reevaluated, updated and documented to ensure that the program aligns with the Agency's overall vision, mission, goals and objectives and/or the program's original purpose. Goals should be measurable and a formal evaluation of the program and whether the goals were achieved should be performed. The Agency should consider if the GIES program is the most effective means to meet those goals.***

**External Affairs' Response**

The GIES program is ever-evolving based on school curriculum, needs and trends. Building this relationship with 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.

The GIES program offers the school community an opportunity to learn about water-wise gardening, irrigation and curriculum. This program has a positive impact on participants and can reach not only school staff and students, but parents and the community. The program aligns with the Agency's values and vision and business goals and has been supported by member agencies since its inception in 2004. We recommend continuing the program and continuing to evolve the program based on trends and school needs.

**Observation 2: Effective Oversight & Accountability over all GIES Responsibilities**

***The Agency should evaluate and consider the various responsibilities for the GIES program. Currently two different Agency departments are responsible for different functions to manage the program, one (Planning) manages the contract with Chino Basin Water Conservation District and the related fund and budget for the program. The other (EA) manages the program implementation. Additionally, CBWCD acts as the outside contractor and completes the garden installations. The Agency should consider what efficiencies would be achieved through consolidation of responsibilities or at a minimum scheduling on-going meetings or workshops and ensure all team members share ideas and discuss the program goals, achievement of those goals, lessons learned, and how best to provide greater oversight and accountability to effectively manage all aspects of the GIES program.***

The Agency should determine how best to coordinate the various responsibilities for the GIES program. Currently two different Agency departments are responsible for different

functions to manage the program, one (Planning) manages the contract with Chino Basin Water Conservation District and the related fund and budget for the program. The other (EA) manages the program implementation. Additionally, CBWCD acts as the outside contractor and completes the garden installations. The Agency should consider what efficiencies could be achieved, through either consolidating or at minimum, scheduling periodic progress meetings or workshops with all parties to discuss the program goals, achievement of those goals, lessons learned, things that need to be changed, and how best to provide greater authority and accountability to effectively manage the program.

The process of installing school gardens includes input and work by two different IEUA departments (EA and Planning), as well as CBWCD, sometimes IERCF staff and school administration. IA recommends that all IEUA departments work together through meetings and on-going workshops to discuss the program, its goals and ideas or information about the program. With the decentralization of responsibilities, there is no single comprehensive oversight for whether the program is meeting its objectives and no overall analysis or accountability for the indirect costs incurred by the Agency.

### GIES Program Distribution of Responsibilities and Oversight

IEUA External Affairs Department	IEUA Planning & Environmental Resources Department	Chino Basin Water Conservation District	Schools
<ul style="list-style-type: none"> <li>• Handle day-to-day operations of the GIES program, including:                             <ul style="list-style-type: none"> <li>○ Liaison for the GIES program</li> <li>○ Responsible for all GIES outreach and administrative activities</li> <li>○ Selection of recipients to receive a new garden or mini grant</li> <li>○ Coordinates and attends initial site evaluations with the school and CBWCD</li> <li>○ Review the supporting documentation and approve payment to grant recipients</li> <li>○ Purchase all materials needed for the garden <b>(No longer applicable after 2016/2017)</b></li> <li>○ Coordination of the dedication ceremony</li> </ul> </li> <li>• Provide additional curriculum and resources when available</li> <li>• Host the annual Project WET and GIES Workshop for new grants or mini-grants</li> <li>• Reports on the GIES program through the Community and Legislative Affairs Committee</li> <li>• Coordinate with Planning, schools and CBWCD</li> </ul>	<ul style="list-style-type: none"> <li>• Manages funds for the Water Conservation Fund and GIES program</li> <li>• Handles contractual agreements with CBWCD</li> <li>• Approves invoices and payments to CBWCD</li> <li>• Reports on the GIES program in the Regional Water Use Efficiency Programs Report</li> <li>• Review grant applications with External Affairs</li> <li>• Coordinates with External Affairs and CBWCD</li> </ul>	<ul style="list-style-type: none"> <li>• Design and construct school gardens, including:                             <ul style="list-style-type: none"> <li>○ Site visits and evaluations</li> <li>○ Landscape design plans</li> <li>○ Site and raised bed construction</li> <li>○ Installation of controller and irrigation system</li> <li>○ Planting Support</li> <li>○ Troubleshooting</li> <li>○ Equipment Rental, if needed <b>(effective 2018/2019)</b></li> </ul> </li> <li>• Evaluate initial sites for the upcoming school year with External Affairs (if applicable)</li> <li>• Coordinate with schools and IEUA</li> <li>• Procurement of all necessary materials and provide receipts, invoices, and any purchase documentation as required <b>(effective 2018/2019)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Responsible for Site prep, including:                             <ul style="list-style-type: none"> <li>○ Clean-up</li> <li>○ Grading</li> <li>○ Electrical and water connections</li> </ul> </li> <li><b>Effective 2018/2019:</b> <ul style="list-style-type: none"> <li>○ Turf or other plant removal</li> <li>○ Any issues pertaining to master irrigation valves</li> <li>○ Underground utilities in the project area have been located and marked prior to any construction</li> <li>○ Coordinate with CBWCD that site preparation has been completed</li> </ul> </li> <li>• Responsible for on-going maintenance of the garden</li> <li>• Utilize the garden for on-going learning activities</li> </ul>



In this past year, IERCF staff has also been utilized to perform the site inspections for the mini-grant program resulting in indirect costs being incurred there.

**Recommendation #2:**

***The Agency should evaluate and consider the various responsibilities for the GIES program. Currently two different Agency departments are responsible for different functions to manage the program, one (Planning) manages the contract with Chino Basin Water Conservation District and the related fund and budget for the program. The other (EA) manages the program implementation. Additionally, CBWCD acts as the outside contractor and completes the garden installations. The Agency should consider what efficiencies would be achieved through consolidation of responsibilities or at a minimum scheduling on-going meetings or workshops and ensure all team members share ideas and discuss the program goals, achievement of those goals, lessons learned, and how best to provide greater oversight and accountability to effectively manage all aspects of the GIES program.***

**External Affairs' Response**

Currently, multiple departments are responsible for different functions to manage the program, but lack of authority and accountability create challenges to effectively managing the Agency's efforts.

**Observation 3: Annual Written and Oral Report about the GIES Program**

***There is currently no regular reporting of the results of the GIES program. Agency staff should consider providing both, an annual written and oral report to the Board of Directors and Executive Management about the GIES program.***

An annual evaluation communicates the goals and objectives of the program, provides information on the progress or status of the gardens and compares to how the program goals were achieved/measured. It also provides a way to ensure that the program is administered consistently from year to year, evaluations and updates are made to the program, that IEUA has a process for obtaining and maintaining a complete list of schools in the service area and their contact information, that the school selection process is administered impartially and that IEUA's outreach efforts are consistent and complete.

Without a formal documented report, there is no information or record about the purpose and progress of the program, how it was administered, what schools were involved, the future goals of the program, how the program is measured against its program goals and additional details about how the program supports the overall Agency mission. This can lead to inconsistencies in the administration of the program and no documented measurement tool or feedback mechanism about where the program is headed in the future.

**Recommendation #3:**

***Staff should provide an annual written and oral report to the Board of Directors about the GIES program, that includes:***

- ***The program's goals and objectives and how those align with Agency goals***
- ***How the program addressed and met those goals***
- ***Funding, costs/expenses, and resources***
- ***Participating school information***
- ***Schools selection process***
- ***Number of students who potentially benefit and/or participate in the program***
- ***Updated pictures of garden conditions***
- ***Program participant survey results***
- ***Program assessment and recommendations***

**Observation 4: Continuing Involvement: Monitoring, Oversight and Follow-up**

***The Agency should determine an effective method for IEUA staff to continue to be involved with the gardens installed at each of the individual schools, including providing monitoring, oversight and follow-up site-visits/observations or evaluations to ensure the Agency's mission and goals and objectives of the GIES program are emphasized and carried out.***

IEUA should determine whether it would be effective to continue to be involved to some degree with the school administration regarding the gardens after they have been installed. The purpose would be to ensure the Agency's mission, goals and objectives, as well as the GIES program goals and objectives are emphasized and carried out by the schools and to ensure the gardens are maintained and used for student hands-on educational activities. Currently there is no contractual obligation that a school has with IEUA for executing the goals of the program. The original application signed by the school includes a list of "qualifications" to be awarded the funding for the garden; however, these are not considered "contractual requirements" that IEUA can enforce to ensure the gardens are maintained and utilized as intended by the program.

Agency staff should determine the intent and goals of the program and determine the Agency's role with regards to the garden after installation. Based in IA's evaluation of various documents and information, it is undetermined what IEUA's role should be after the garden has been installed at the school. However, there may be two different approaches that the Agency may want to consider/take or determine a different role. One approach may be that schools take the lead role and take ownership of their garden after installation and operate it as intended for their school's purpose without IEUA having to monitor, follow-up, evaluate or enforce the intended goals and objectives of the program that funded it. IEUA and/or CBWCD can provide additional advice and counsel if needed or asked for by the school, but the primary responsibility for the future success of the garden is dependent on the school and not on IEUA's on-going monitoring and oversight. The second approach may be that IEUA works actively as a facilitator and stays involved and conducts periodic site visits to follow-up, monitor, keep current with communication and outreach efforts with the school's administration to ensure the garden and the intended goals continue to be promoted and implemented. This would be strongly dependent on IEUA's on-going monitoring and oversight efforts.

IAs observations were that where school gardens continue to grow, and be cared for, there is adequate support from the school's administration to see the success of the garden due to a passionate staff member, support from parents and the overall culture of the school. However, IA noted that many of the school gardens take a similar path over several years. The initial interest and passion that was necessary to create a successful grant application and then garden installation lasts for a few years before some form of disruption occurs. Most often the teacher or principal that initially championed the garden retires or moves to another school and interest in the garden fades away. The school district or the school's local maintenance staff take over a minimal amount of maintenance and the garden remains dormant. At some point a new teacher or principal discovers the abandoned garden and develops an interest. By this time there is no remaining institutional memory of IEUA or CBWCD's involvement. Generally, the new teacher or other school administrator solicits some assistance from either parents, teachers or other community groups to help reestablish the garden. This leads to a renewal of interest in the garden and it once again becomes a focal point at the school.

Agency staff should determine what role it should take after the garden has been installed. If the Agency would like to see that all schools fully utilize the gardens to demonstrate the Agency's goals and priorities, it will require additional time and resources by Agency staff to assist in ensuring a strong education program is carried out and continuous monitoring and oversight is carried out.

**Recommendation #4:**

***Staff should continue to oversee and monitor gardens at schools, including:***

- ***conducting periodic follow-up site-visits and evaluations to ensure that both, the Agency's and the GIES program, goals and objectives are carried out,***
- ***providing school administrators with additional, well-defined guidelines, requirements and expectations,***
- ***ensuring gardens are used as intended and students participate in hands-on learning activities.***

**External Affairs' Response**

Every year the External Affairs team reaches out to all past GIES participants for whom EA still has contact information and invites them to attend the Project W.E.T. (Water Education for Teachers) Workshop, which provides water education curriculum to educators. This curriculum training workshop explains the curriculum guide – the guide correlates with State standards, STEM and Next Generation Science Standards. The workshop provides opportunities for educators that have participated in GIES to network with other participants while also providing a platform for questions and answers/problem-solving.

**Observation 5: On-going Communication and Connection**

***Agency staff should employ a proactive method to remaining in close contact and communication with the schools that have installed gardens.***

Although IEUA's education programs are intended to provide opportunities for schools through-out the Agency's service area, when some schools in the Agency's service area are not aware of these educational programs, this results in missed opportunities for the Agency's goals to be shared. Of the 35 schools visited by IA or EA at least six and most likely more, had no knowledge of IEUA and no recollection of IEUA's involvement in the initial establishment of their garden. These school representatives also were unaware of the other programs that IEUA offers for schools such as Earth Day, the Water Discovery fieldtrips and Project WET.

IA noted the following observations:

- At one school, there had been a complete turnover of those originally involved in the installation of the garden. The original sponsoring teacher had retired since the garden's installation in 2008/2009 school year and the principal was only in her 4th year at the campus. As a result, there was no institutional memory of the garden's founding, no awareness of IEUA's original involvement and the garden had fallen into disrepair. The new principal believed in the importance of school gardens and the school community engaged in a fundraising and grant-seeking effort that led to the refurbishment of the garden and its inclusion in the school's curriculum.
- At another site, the original teacher had passed away and the garden was not used for two years. A new teacher at the school revived the garden and it was dedicated in honor of the teacher that had passed, but the school staff had no recollection of IEUA's involvement.
- Another site's garden is situated in front of the school office and consists of foliage (some of which is drought tolerant) and a water feature. The school's custodian provides occasional maintenance of the water feature, but there is no awareness at the school of IEUA's original funding.
- Finally, another garden had been abandoned after a teacher had transferred. A young man who had attended the school helped revive the garden as part of his Boy Scout eagle project requirement and the school had a nice plaque documenting his efforts, but again, no recollection of IEUA's original involvement.

Due to high turnover, changes in staff and changes in school administration, teachers and principals; awareness of IEUA's programs is sometimes lost. The schools mentioned above and others in the service area did not participate in IEUA's mini-grant programs in 2013/2014 and 2017/2018 or in IEUA's other outreach/education programs. Although EA staff tries to reach out to all schools and school districts, teacher and school administrative turnover create an on-going obstacle. If the Agency would like to see that participating schools and teachers remain engaged and establish networks with other schools and teachers that participate in the program to share ideas and resources to ensure their

gardens thrive and continue, it will require additional time and resources from Agency staff to assist in ensuring a strong garden community network is up to date, informed and on-going among the various schools.

**Recommendation #5:**

***Agency staff should employ a proactive method to remaining in close contact and communication with the schools that have installed gardens, including:***

- ***Ensuring adequate professional staffing for this function,***
- ***Obtaining up-to-date contact information each fall for each school that has participated in the GIES program, including verifying the current Principal from a review of School District information and the school's website and confirming by making in-person, e-mail and/or telephonic contact with appropriate school personnel to ensure contact information is up to date,***
- ***Providing and regularly updating a blog, newsletter or other on-going correspondence to ensure continuous and consistent communication with schools throughout the school year.***
- ***Creating and providing to all participating schools an up-to-date directory of past and current GIES school participants so that schools can network with one another and share resources and information.***

**Recommendation #6:**

***IA also recommends that the Agency provide each school with permanent identifying information to post in the garden such as a sign or plaque that includes information about the garden's sponsors (IEUA, member agency and other) including the Agency's website and contact information so that future school administrators and garden visitors are aware of IEUA, including who and where to contact if the garden requires attention.***

**External Affairs' Response**

Over 1/3 of school educators leave every five years. External Affairs requires that a contingency plan be explained within the GIES application to address this staff turnover. The contract is always evolving based on school needs, trends, etc. Once the garden has been created a dedication is held where IEUA staff and Board members can speak on behalf of the Agency and a framed certificate is presented to the school with the IEUA logo. IEUA representation is on site during the program for pre-site evaluations, planning meetings and the dedication. IEUA is the main point of contact for the program.

EA believes there are opportunities to establish additional relationships and program commitments with our partner schools' PTAs/parent groups. IEUA can also establish a quarterly workshop that acts as a networking opportunity (like Project WET, etc.). Some of these workshops can be held in our GIES Demonstration Garden that is located by the Pipe Garden in the Chino Creek Wetlands and Educational Park. IEUA can enhance networking opportunities by providing a quarterly newsletter to schools featuring water-wise gardening tips and water saving tips.

Additionally, EA feels that there is an opportunity to grow the program and add to the outreach element. There is an opportunity to require weather-proof signage at the garden site featuring IEUA, which provides a resource to school administration and staff, especially with school staff turnover rates.

**Observation 6: Post-Implementation Evaluation**

***The Agency contracts with CBWCD for the design and installation of the GIES program gardens. CBWCD works with the school to ensure that the garden meets the needs of that school's program and efforts. Once the installation is complete, CBWCD has no further continuing involvement with the school.***

Since CBWCD does not perform any post-implementation evaluation, no changes are made to the way gardens are designed and installed. As previously noted, teachers and principals had shared a variety of concerns about their gardens with IA. These included:

- a. The wooden edges of the raised beds tend to deteriorate in three to four years. One teacher noted that recycled poly-wood lasts much longer and that the cost of refurbishing the beds on a regular basis is more than the school can afford. In at least four other gardens that had been refurbished for Eagle Scout projects or other parent/teacher efforts the schools had chosen to use recycled poly-wood due to its resiliency.
- b. The timers for the sprinklers are complicated and teachers do not know how to program them. In other instances, the school district has removed the timers and converted the garden irrigation systems to the same cycle used for the rest of the schools' plantings. And in other instances, all the different watering cycles programmed into the timer have been moved to just one watering cycle.
- c. The long summer break creates problems for the school gardens. Either the watering cycle continues and the garden is overgrown with weeds when school starts again in August, or the garden is not watered over the summer and everything has died when school starts.
- d. One school noted that the decomposed granite walkways in their school garden led to water puddling during rain storms, so the school district eventually paved over the pathways with concrete.
- e. Two or three schools mentioned that no anti-weed barrier was installed in the base of the garden and that the most difficult issue that they face is the constant need for weeding to make room for the plants that they want to have in the garden.

Without an evaluation one, two or three years after the garden has been installed, there is no opportunity to discover improvements and new ideas for future garden installations. A "lessons-learned" exercise with existing sites would provide insights.

**Recommendation #7:**

***Agency staff should develop a post-implementation evaluation of gardens after they have been in existence for an agreed upon amount of time. The purpose would be to gather feedback and information about the materials and equipment used for installing the garden and ensure these meet the school's needs or if anything needs to change. All parties involved in the installation, including Agency staff and most importantly the contractor, CBWCD should observe and discuss the following:***

- ***Best materials for garden creation***
- ***Irrigation effectiveness and how to best demonstrate water-use efficiency***
- ***Timer systems effectiveness and access to electricity***
- ***Programmatic implications for the school's curriculum***
- ***Proportion of the students with access or involvement with the garden***

**Garden In Every School® Participants by Year Since the Program Inception:**

Year	School	City	Mini-Grant 2017/2018	Mini-Grant 2013/2014	Removed
2004/2005	Alta Loma Elementary	Alta Loma		X	
2004/2005	Butterfield Ranch Elementary	Chino Hills			Removed
2004/2005	Edwin Rhodes Elementary	Chino			
2004/2005	Euclid Elementary	Ontario			Removed
2004/2005	Grant Elementary	Fontana			
2004/2005	Lehigh Elementary	Montclair		X	Removed
2004/2005	Magnolia Elementary	Upland			
2005/2006	Covote Canvon Elementary	Rancho Cucamonga			
2005/2006	Foothill Knolls Elementary	Upland			
2005/2006	Hidden Trails Elementary	Chino Hills	X	X	
2005/2006	Newman Elementary	Chino		X	
2005/2006	North Tamarind Elementary	Fontana		X	Removed
2005/2006	Ranch View Elementary	Ontario		X	
2006/2007	Buena Vista Arts-Integrated	Montclair			Removed
2006/2007	El Rancho Elementary	Chino			Removed
2006/2007	Gerald F. Litel Elementary	Chino Hills			Removed
2006/2007	Liberty Elementary	Ontario			
2006/2007	Poplar Elementary	Fontana			
2006/2007	Sycamore Elementary	Upland			
2006/2007	Victoria Groves Elementary	Alta Loma			
2007/2008	Chaparral Elementary	Chino Hills		X	
2007/2008	E.J. Marshall Elementary	Chino			Removed
2007/2008	Linda Vista Elementary	Ontario			Removed
2007/2008	Los Amigos Elementary	Rancho Cucamonga			Removed
2007/2008	Oak Park Elementary	Fontana		X	
2007/2008	Our Lady of Lourdes	Montclair			
2007/2008	Pepper Tree Elementary	Upland	X	X	
2008/2009	Glenmeade Elementary	Chino Hills			
2008/2009	Grapeland Elementary	Etiwanda	X	X	
2008/2009	Jasper Elementary	Alta Loma			
2008/2009	Perdew Elementary	Etiwanda		X	
2008/2009	The Ontario Center	Ontario			
2009/2010	Baldy View Elementary	Upland			
2009/2010	Floyd M Stork Elementary	Alta Loma	X	X	
2009/2010	Howard Cattle Elementary	Chino			Removed
2009/2010	Mariposa Elementary	Ontario			
2010/2011	Lyle S Briggs Fundamental	Chino	X	X	
2010/2011	Mission Elementary	Ontario			Removed
2010/2011	Montera Elementary	Montclair			
2010/2011	Oxford Preparatory Academy	Chino			Removed
2010/2011	Rancho Cucamonga High	Rancho Cucamonga		X	Removed
2011/2012	Los Osos High	Rancho Cucamonga			
2011/2012	Monte Vista Elementary	Montclair			
2011/2012	Redeemer Lutheran	Ontario			
2011/2012	Upland High	Upland			Removed
2012/2013	Edison Elementary	Ontario			
2012/2013	Etiwanda Intermediate	Etiwanda			
2012/2013	Sultana Elementary	Ontario			
2012/2013	Vina Danks Middle	Ontario			
2014/2015	Cal Aero Preserve Academy	Chino			
2014/2015	Country Springs Elementary	Chino Hills	X		
2014/2015	Cypress Elementary	Fontana			
2015/2016	Alicia Cortez Elementary	Chino			
2015/2016	Citrus Elementary	Fontana	X		
2015/2016	Eagle Canyon Elementary	Chino Hills			
2015/2016	Etiwanda Colony Elementary	Etiwanda			
2015/2016	John L. Golden Elementary	Etiwanda			
2015/2016	Truman Middle	Fontana	X		
2016/2017	Arroyo Elementary	Ontario	X		
2016/2017	Montclair High	Montclair	X		
2016/2017	Robert Townsend Junior High	Chino Hills	X		
2016/2017	Rolling Ridge Elementary	Chino Hills	X		
<b>TOTALS</b>	<b>62 schools</b>		<b>12</b>	<b>14</b>	<b>15</b>



**35 Gardens Physically Observed/Evaluated for this Review:**

Program Year	School	City	Garden Type	Aware of IEUA	Other Support	Usage
2004/2005	Alta Loma Elementary	Alta Loma	Vegetable/Fruit	not asked	None	Minimal
2004/2005	Edwin Rhodes Elementary	Chino	Drought Tolerant	not asked	Parent/Teacher	Minimal
2004/2005	Grant Elementary	Fontana	Multiple	not asked	Grants/Sales	Curricular/Classroom
2004/2005	Magnolia Elementary	Upland	Multiple	not asked	Custodians	Minimal
2005/2006	Coyote Canyon Elementary	Rancho Cucamonga	Drought Tolerant	not asked	Maintenance	Minimal
2005/2006	Newman Elementary	Chino	Multiple	NO	Parent/Teacher	Minimal
2005/2006	Ranch View Elementary	Ontario	Drought Tolerant	not asked	Parent/Teacher	Minimal
2005/2006	Foothill Knolls Elementary	Upland	Vegetable/Fruit	not asked	Parent/Teacher	Weekly
2006/2007	Victoria Groves Elementary	Alta Loma	Drought Tolerant	NO	Custodian	None
2006/2007	Liberty Elementary	Ontario	Vegetable/Fruit	not asked	Grants	Elective/Class
2006/2007	Poplar Elementary	Fontana	Abandoned	not asked	None	None
2006/2007	Sycamore Elementary	Upland	Drought Tolerant	NO	None	None
2007/2008	Chaparral Elementary	Chino Hills	Vegetable/Fruit	not asked	Parent/Teacher	Weekly - one grade
2007/2008	Oak Park Elementary	Fontana	Multiple	YES	Parent/Teacher	Curricular/Classroom
2007/2008	Our Lady of Lourdes	Montclair	Abandoned	NO	None	None
2008/2009	Jasper Elementary	Alta Loma	Vegetable/Fruit	YES	Eagle Scout	Moderate
2008/2009	Glenmeade Elementary	Chino Hills	Vegetable/Fruit	NO	Eagle Scout	Garden Club
2008/2009	The Ontario Center	Ontario	Multiple	NO	Memorial Fund	Garden Club
2008/2009	Perdew Elementary	Etiwanda	Vegetable/Fruit	not asked	Student Donations	Minimal
2009/2010	Mariposa Elementary	Ontario	Vegetable/Fruit	not asked	Maintenance	Minimal
2009/2010	Baldy View Elementary	Upland	Drought Tolerant	not asked	Grants	Minimal
2010/2011	Montera Elementary	Montclair	Abandoned	NO	Teacher/Custodian	None
2011/2012	Los Osos High	Rancho Cucamonga	Vegetable/Fruit	not asked	Student Donations	Elective/Class
2011/2012	Monte Vista Elementary	Montclair	Vegetable/Fruit	YES	Parent/Teacher	Moderate
2011/2012	Redeemer Lutheran	Ontario	Vegetable/Fruit	NO	Parent Volunteer	Garden Club
2012/2013	Etiwanda Intermediate	Etiwanda	Multiple	not asked	Principal/Custodian	Elective/Class
2012/2013	Edison Elementary	Ontario	Vegetable/Fruit	NO	School support	Garden Club
2012/2013	Sultana Elementary	Ontario	Multiple	YES	School/Teacher	Curricular/Classroom
2012/2013	Vina Danks Middle	Ontario	Abandoned	Not asked	None	None
2014/2015	Cal Aero Preserve Academy	Chino	Drought Tolerant	YES	Parent/Teacher	Minimal
2014/2015	Cypress Elementary	Fontana	Multiple	YES	Teacher/Custodian	Curricular/Classroom
2015/2016	Alicia Cortez Elementary	Chino	Multiple	YES	Eagle Scout	Curricular/Classroom
2015/2016	Eagle Canyon Elementary	Chino Hills	Multiple	YES	Parent/Teacher	Minimal
2015/2016	Etiwanda Colony Elementary	Etiwanda	Multiple	YES	Girl Scouts/Lowe's	Moderate
2015/2016	John L. Golden Elementary	Etiwanda	Multiple	YES	Parent/Teacher	Garden Club

**Gardens removed since original installation:**

<b>Program Year</b>	<b>School</b>	<b>City</b>	<b>Reason Given</b>
2004/2005	Butterfield Ranch Elementary	Chino Hills	Unknown
2004/2005	Euclid Elementary	Ontario	Unknown
2004/2005	Lehigh Elementary	Montclair	Unknown
2005/2006	North Tamarind Elementary	Fontana	Unknown
2006/2007	Gerald F. Litel Elementary	Chino Hills	Unknown
2006/2007	Buena Vista Arts-Integrated	Montclair	Unknown
2006-2007	El Rancho Elementary	Chino	School Closed
2007/2008	E.J. Marshall Elementary	Chino	Unknown
2007/2008	Los Amigos Elementary	Rancho Cucamonga	School Remodeled
2007/2008	Linda Vista Elementary	Ontario	School Closed
2009/2010	Howard Cattle Elementary	Chino	Unknown
2010/2011	Rancho Cucamonga High	Rancho Cucamonga	School Remodeled
2010/2011	Mission Elementary	Ontario	Unknown
2010/2011	Oxford Preparatory Academy	Chino	School Closed
2011/2012	Upland High	Upland	Unknown

***IEUA Annual Special Events***

***FY 2017-2018***

**FREE!**

*Save the Date!*

# LANDSCAPE & WATER CONSERVATION FESTIVAL

OCT 21, 2017 | 9 AM - 2 PM

Chino Basin Water Conservation District  
4594 San Bernardino Street in Montclair

RAFFLES, WORKSHOPS,  
GIVEAWAYS, PUMPKIN  
PATCH, AND FREE  
FAMILY FUN!

For more information, visit [cbwcd.org/festival](http://cbwcd.org/festival)

Bring this ad with you to receive 1 extra raffle ticket!



Event Sponsored by:









Chino Basin Water Conservation District, Chino Basin Watermaster, Cities of Chino, Chino Hills, Ontario, and Upland, Fontana Water Company, Inland Empire Utilities Agency, Monte Vista Water District, and San Antonio Water Co.



# Water is Life

## Student Art Poster Contest 2018

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 28, 2018 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  
Madisen Marble at  
909.993.1782 or [mmarble@ieua.org](mailto:mmarble@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:
	(Madisen Marble)

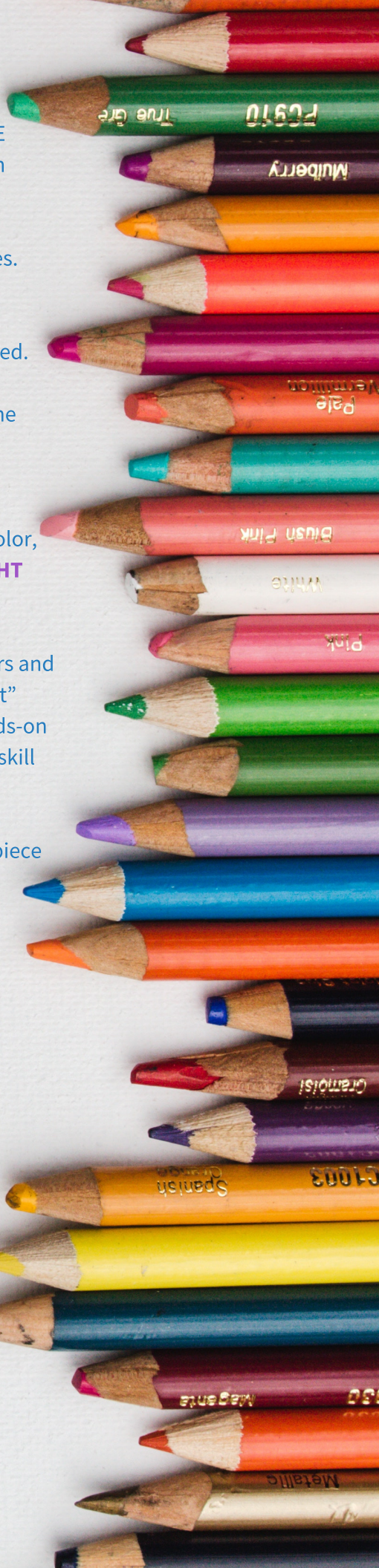
8. Parents or guardians of students must sign a Student Artwork Rights/Approval Form. Submitted artwork becomes the property of Inland Empire Utilities Agency.

**Deadline for Entries: Thursday, March 28, 2018 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: Madisen Marble  
Inland Empire Utilities Agency  
909.993.1782 | mmarble@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 and School (**please print**)/Nombre del Estudiante y nombre de la escuela (letra de imprenta)

\_\_\_\_\_  
Name of Parent/Guardian (**please print**)/ Escriba el nombre del padre/Guardián  
(**por favor imprima**)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature Parent/Guardian/Firma del Padre/Guardián

\_\_\_\_\_  
Email

# Water is Life Poster Contest 2018 Winners



Gerrard Surintharat, 1st Grade  
Liberty Elementary



Sabrina Fu, 4th Grade  
Chaparral Elementary



Kiana Ho, 3rd Grade  
Hidden Trails Elementary

Kindergarten-5th Grade  
Category



Ivan Iglesias, 1st Grade  
Liberty Elementary



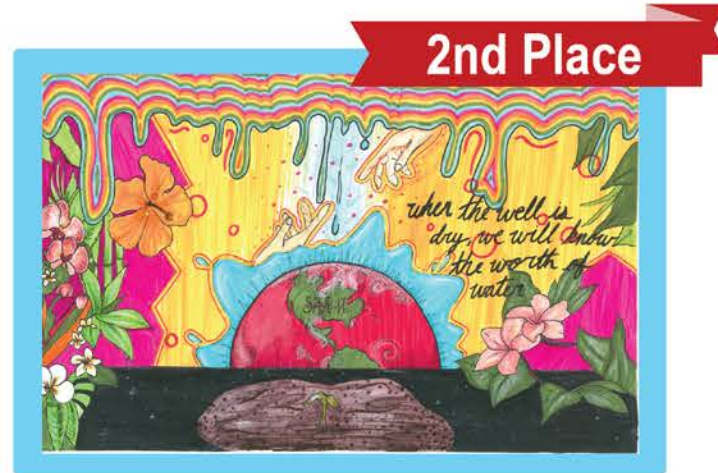
William Leal, 1st Grade  
Liberty Elementary



# Water is Life Poster Contest 2018 Winners



Jolie Martinez, 8th Grade  
Etiwanda Intermediate School



Sarah Reveredo, 8th Grade  
Etiwanda Intermediate School

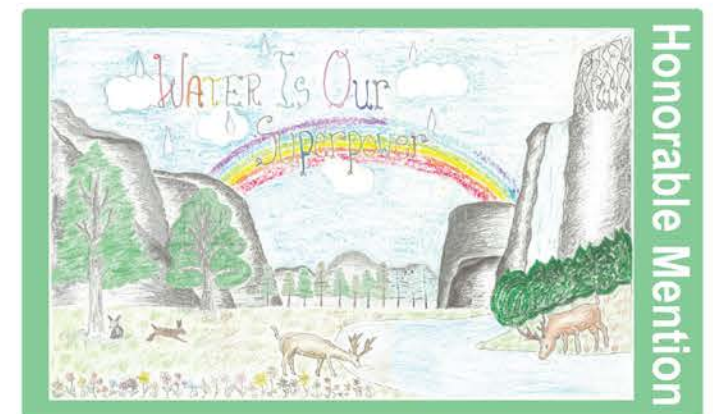


Sydney Tarman, 8th Grade  
Etiwanda Intermediate School

## 6th-8th Grade Category



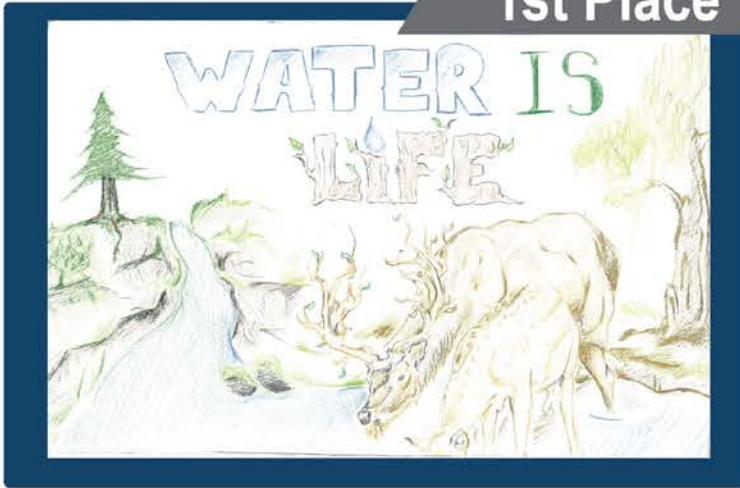
Jeanne Revilla, 8th Grade  
Etiwanda Intermediate School



Iris Zhao, 8th Grade  
Heritage Intermediate School

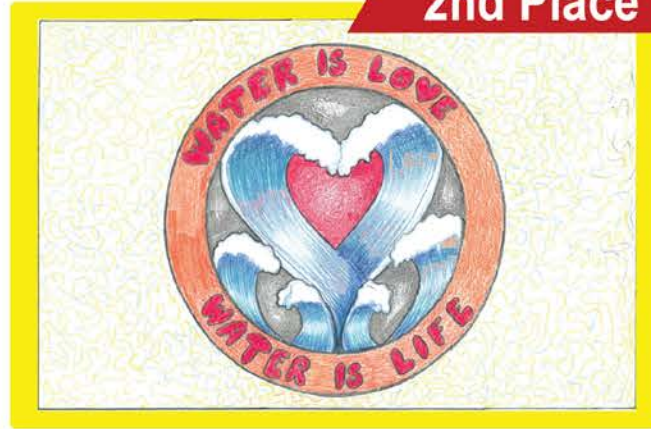
# Water is Life Poster Contest 2018 Winners

1st Place



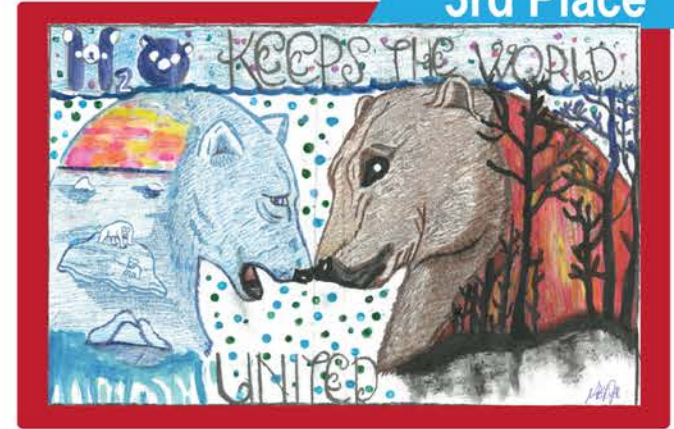
Jonathon Guerrero, 9th Grade  
Don Lugo High School

2nd Place



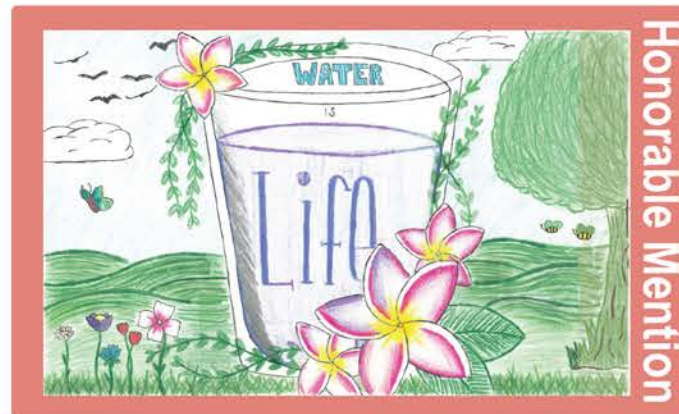
Samantha Fregoso, 10th Grade  
Don Lugo High School

3rd Place

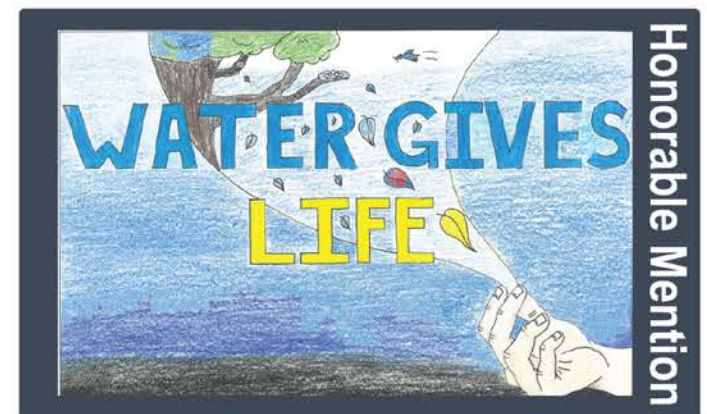


Nuria De Leon, 9th Grade  
Don Lugo High School

9th-12th Grade  
Category



Nathalie Martinez, 9th Grade  
Don Lugo High School



Lucien Barbour, 9th Grade  
Don Lugo High School

# EARTH DAY CELEBRATION

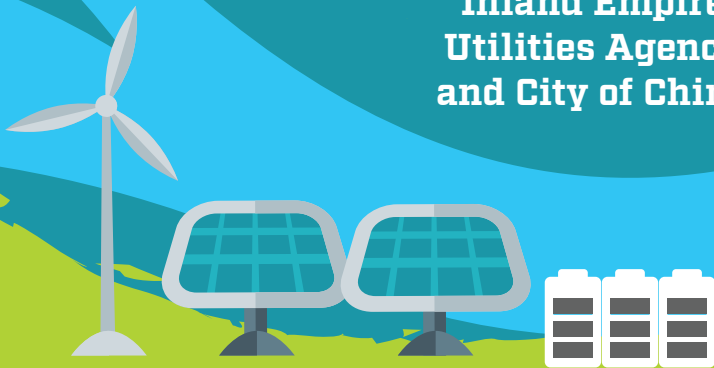
WEDNESDAY

APRIL  
18

2018

FREE

Presented by the  
Inland Empire  
Utilities Agency  
and City of Chino



1st-5th Grade

Tour the Park

Earth Friendly Activities

Environmental Exhibits

Busing Grants Available  
Depending on Qualifications

Environmental Shows

## SCHEDULE A FIELD TRIP

If you are interested in scheduling a field trip  
please contact 909.993.1935 or [acarruthers@ieua.org](mailto:acarruthers@ieua.org).

Field trips are approximately 2.5 hours.



Chino Creek Wetlands  
And Educational Park



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 18:** Qualifying events

**Saturday, May 19:** Endurance races using solar energy collection panels

**Sunday, May 20:** 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)®



# 2018 Solar Cup™ Participants and 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

**Chino HS** . Chino, Inland Empire Utilities Agency, City of Chino

**Coast HS** . Huntington Beach, Municipal Water District of Orange County, City of Huntington Beach

**Compton HS** . Compton, City of Compton

**Costa Mesa HS** . Coasta Mesa, Municipal Water District of Orange, Mesa Water District\*

**Del Lago Academy** . Escondido, San Diego County Water Authority

**Downey HS** . Downey, Central Basin MWD

**Elsinore HS / Lakeside HS** . Wildomar, Western MWD, Elsinore Valley MWD

**Franklin HS** . Los Angeles, Los Angeles Dept. of Water and Power

**Fremont Academy of Engineering & Design** . Pomona, Three Valleys MWD, City of Pomona

**Ganesha HS** . Pomona, Three Valleys MWD, City of Pomona

**Hemet USD Team** . Hemet, Eastern MWD

**High Tech High North County** . San Marcos, San Diego County Water Authority

**John Muir HS** . Pasadena, Pasadena Water & Power

**Kearney HS –School of Engineering, Innovation & Design** . San Diego County Water Authority\*

**La Cañada HS** . La Cañada Flintridge, Foothill MWD, La Cañada Irrigation District

**Los Altos HS** . Hacienda Heights, Upper San Gabriel Valley MWD

**Los Osos HS** . Rancho Cucamonga, Inland Empire Utilities Agency, Cucamonga Valley Water

**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

**Narbonne HS** . Harbor City, Los Angeles Department of Water and Power

**Norte Vista HS** . Riverside, Western MWD, Riverside Public Utilities

**Nuview Bridge Early College HS** . Nuevo, Eastern MWD

**Oxford Academy** . Cypress, Municipal Water District of Orange County, Golden State Water

**Palos Verdes Peninsula HS** . Rolling Hills Estates, West Basin MWD

**Paramount HS West** . Paramount, Central Basin MWD

**Perris Union High SD Team** . Romoland, Eastern MWD

**Riverside Poly HS** . Riverside, Western MWD, Riverside Public Utilities

**San Dimas HS** . San Dimas, Three Valleys MWD

**Sato HS** . Long Beach, Long Beach Water Department

**Upland HS** . Upland, Inland Empire Utilities Agency, City of Upland\*

**Venice HS STEMM Magnet** . Los Angeles, Los Angeles Department of Water and Power

**Waterfront Education** . Redondo Beach, West Basin MWD\*

**West Covina HS** . West Covina, Upper San Gabriel Valley MWD

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)

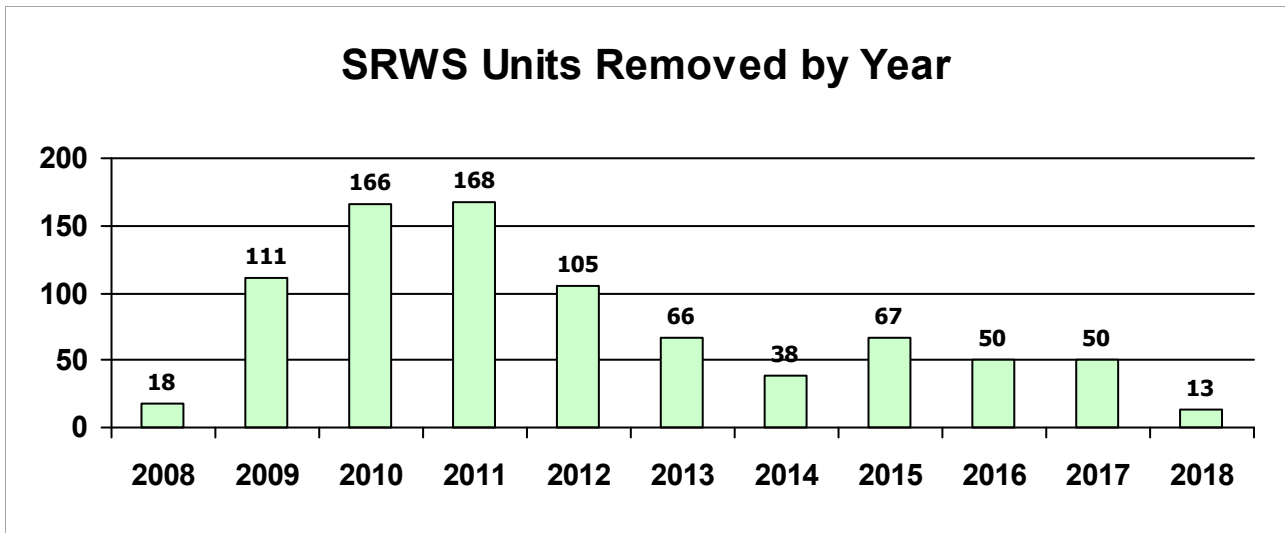


***IEUA Water Softener Rebate Program***

***FY 2017-2018***

## 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	13	6,006	80,600	\$6,501.48
<b>Total:</b>	<b>852</b>	<b>393,624</b>	<b>5,282,400</b>	<b>\$507,609.72</b>





# SRWS Removed, Salt Avoided and Water Savings

Start Date: 1/1/2008

End Date: 6/30/2018

## SUMMARY

Total Units Removed: <b>852</b>	Total Salt Avoided: <b>393,624</b> Lbs/Yr	Total Water Savings: <b>5,282,400</b> Gal/Yr
Total Rebate Amount: <b>\$507,609.72</b>	Total Salt Avoided: <b>196.812</b> Ton/Yr	Total Water Savings: <b>16.211</b> AFY

Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
<b>Chino</b>			
11/4/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
12/9/2008	\$300.00	462	6200
1/9/2009	\$2,000.00	462	6200
1/9/2009	\$665.83	462	6200
1/9/2009	\$1,713.62	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	\$2,000.00	462	6200
10/8/2009	\$300.00	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	\$300.00	462	6200
7/28/2010	\$1,745.00	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	\$1,521.26	462	6200
9/11/2011	\$300.00	462	6200
9/11/2011	\$2,000.00	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	\$2,000.00	462	6200
8/16/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$300.00	462	6200
9/26/2012	\$1,226.51	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
<b>Units Removed:</b>	95	\$71,067.67	43,890	589,000
<b>% of Total:</b>	11.2%	14.0%	11.2%	11.2%

### Chino Hills

11/4/2008	\$300.00	462	6200
11/4/2008	\$300.00	462	6200
11/4/2008	\$300.00	462	6200
11/4/2008	\$1,721.25	462	6200
12/9/2008	\$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
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
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	\$1,571.25	462	6200
7/16/2009	\$874.42	462	6200
7/16/2009	\$300.00	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	\$1,466.00	462	6200
1/21/2010	\$963.33	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
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
4/29/2010	\$300.00	462	6200
4/29/2010	\$598.33	462	6200
4/29/2010	\$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	\$300.00	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	\$300.00	462	6200
7/28/2010	\$1,950.00	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	\$1,997.00	462	6200
3/10/2011	\$300.00	462	6200
3/24/2011	\$300.00	462	6200
4/14/2011	\$300.00	462	6200
4/30/2011	\$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	\$300.00	462	6200
11/30/2011	\$300.00	462	6200
11/30/2011	\$2,000.00	462	6200
12/21/2011	\$1,877.25	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)
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	\$300.00	462	6200
4/6/2015	\$425.00	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	\$643.22	462	6200
11/20/2015	\$300.00	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	\$419.68	462	6200
3/7/2017	\$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
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
<b>Units Removed:</b>	159	<b>\$76,383.38</b>	<b>73,458</b>
<b>% of Total:</b>	18.7%	15.0%	18.7%

## 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	\$300.00	462	6200
7/22/2010	\$2,000.00	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	\$300.00	462	6200
12/22/2010	\$497.47	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
3/24/2011	\$300.00	462	6200
3/24/2011	\$1,664.99	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$1,688.77	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	\$1,498.64	462	6200
5/19/2011	\$300.00	462	6200
7/31/2011	\$300.00	462	6200
8/29/2011	\$600.12	462	6200
8/29/2011	\$300.00	462	6200
9/11/2011	\$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)
9/11/2011	\$2,000.00	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	\$1,258.75	462	6200
5/31/2012	\$300.00	462	6200
6/18/2012	\$2,000.00	462	6200
6/18/2012	\$300.00	462	6200
6/18/2012	\$1,398.28	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	\$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
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	\$300.00	462	6200
8/8/2013	\$300.00	462	6200
8/8/2013	\$1,898.02	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

**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)	
2/28/2014	\$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	\$2,000.00	462	6200	
7/27/2016	\$300.00	462	6200	
11/23/2016	\$300.00	462	6200	
1/5/2017	\$2,000.00	462	6200	
3/7/2017	\$300.00	462	6200	
3/7/2017	\$1,469.62	462	6200	
3/7/2017	\$658.37	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	
<b>Units Removed:</b>	130	<b>\$82,268.13</b>	<b>60,060</b>	<b>806,000</b>
<b>% of Total:</b>	15.3%	16.2%	15.3%	15.3%

### 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	\$300.00	462	6200
5/26/2010	\$1,582.50	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)	
5/26/2010	\$300.00	462	6200	
6/16/2010	\$300.00	462	6200	
6/16/2010	\$300.00	462	6200	
7/22/2010	\$2,000.00	462	6200	
7/22/2010	\$1,133.33	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	
<b>Units Removed:</b>	24	<b>\$11,689.07</b>	<b>11,088</b>	<b>148,800</b>
<b>% of Total:</b>	2.8%	2.3%	2.8%	2.8%

## 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	\$300.00	462	6200
7/22/2010	\$2,000.00	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
10/27/2010	\$300.00	462	6200
11/23/2010	\$738.08	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$300.00	462	6200
11/23/2010	\$787.50	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	\$300.00	462	6200
4/14/2011	\$2,000.00	462	6200
4/14/2011	\$2,000.00	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)	
4/30/2011	\$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	\$300.00	462	6200	
8/29/2011	\$1,121.41	462	6200	
9/11/2011	\$300.00	462	6200	
10/20/2011	\$300.00	462	6200	
10/20/2011	\$2,000.00	462	6200	
11/10/2011	\$300.00	462	6200	
1/25/2012	\$1,081.01	462	6200	
1/25/2012	\$2,000.00	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	\$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	
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	
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	
<b>Units Removed:</b>	83	\$51,858.65	38,346	514,600
<b>% of Total:</b>	9.7%	10.2%	9.7%	9.7%

**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>Rancho Cucamonga</b>			
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	\$1,800.00	462	6200
2/26/2009	\$2,000.00	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	\$533.33	462	6200
5/28/2009	\$300.00	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	\$300.00	462	6200
1/21/2010	\$249.62	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
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	\$300.00	462	6200
10/27/2010	\$1,593.55	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	\$1,100.98	462	6200
1/10/2011	\$1,959.62	462	6200
2/10/2011	\$736.44	462	6200
2/10/2011	\$2,000.00	462	6200
2/10/2011	\$1,708.34	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)
3/10/2011	\$300.00	462	6200
3/10/2011	\$762.86	462	6200
3/10/2011	\$2,000.00	462	6200
3/10/2011	\$300.00	462	6200
3/24/2011	\$2,000.00	462	6200
3/24/2011	\$300.00	462	6200
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	\$786.53	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$300.00	462	6200
4/14/2011	\$2,000.00	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	\$550.86	462	6200
4/30/2011	\$960.89	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	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
4/30/2011	\$300.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$2,000.00	462	6200
5/19/2011	\$300.00	462	6200
5/19/2011	\$1,673.31	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
5/31/2011	\$300.00	462	6200
5/31/2011	\$2,000.00	462	6200
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

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)
2/29/2012	\$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	\$2,000.00	462	6200
3/14/2013	\$300.00	462	6200
5/2/2013	\$300.00	462	6200
6/6/2013	\$300.00	462	6200
8/8/2013	\$2,000.00	462	6200
8/8/2013	\$300.00	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
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	\$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

**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)
2/23/2015	\$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	\$762.81	462	6200
8/4/2015	\$300.00	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
3/7/2017	\$300.00	462	6200
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
3/15/2017	\$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

**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)
12/11/2017	\$1,697.21	462	6200
12/11/2017	\$300.00	462	6200
2/1/2018	\$2,000.00	462	6200
4/10/2018	\$300.00	462	6200
4/10/2018	\$1,201.48	462	6200
4/27/2018	\$300.00	462	6200
<b>Units Removed:</b>	215	<b>\$129,783.30</b>	<b>99,330</b>
<b>% of Total:</b>	25.2%	25.6%	25.2%

## 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	\$300.00	462	6200
1/9/2009	\$1,247.92	462	6200
2/26/2009	\$1,787.50	462	6200
2/26/2009	\$300.00	462	6200
2/26/2009	\$300.00	462	6200
2/26/2009	\$300.00	462	6200
3/10/2009	\$300.00	462	6200
3/10/2009	\$300.00	462	6200
3/10/2009	\$300.00	462	6200
4/3/2009	\$309.17	462	6200
4/3/2009	\$300.00	462	6200
4/3/2009	\$1,066.67	462	6200
5/4/2009	\$300.00	462	6200
6/30/2009	\$300.00	462	6200
7/16/2009	\$300.00	462	6200
7/16/2009	\$831.67	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	\$300.00	462	6200
12/22/2009	\$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
1/21/2010	\$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
1/28/2010	\$300.00	462	6200
1/28/2010	\$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)
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
2/11/2010	\$2,000.00	462	6200
3/11/2010	\$2,000.00	462	6200
3/11/2010	\$1,915.83	462	6200
3/11/2010	\$387.80	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	\$2,000.00	462	6200
5/26/2010	\$300.00	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	\$300.00	462	6200
7/22/2010	\$901.25	462	6200
7/22/2010	\$2,000.00	462	6200
7/22/2010	\$1,131.67	462	6200
7/22/2010	\$1,762.08	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

**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)
1/25/2012	\$300.00	462	6200
2/9/2012	\$2,000.00	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
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	\$300.00	462	6200
6/6/2013	\$1,446.41	462	6200
9/5/2013	\$300.00	462	6200
9/13/2013	\$300.00	462	6200
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	\$300.00	462	6200
2/2/2016	\$464.93	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
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

**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>	146	\$84,559.52	67,452	905,200
<b>% of Total:</b>	17.1%	16.7%	17.1%	17.1%

**SUMMARY**

Total Salt Avoided:	<b>852</b>	Total Salt Avoided:	393,624 Lbs/Yr	Total Water Savings:	5,282,400 Gal/Yr
Total Rebate Amount:	<b>\$507,609.72</b>	Total Salt Avoided:	196.812 Ton/Yr	Total Water Savings:	16.211 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: 6/30/2018

Number of Checks: 29

Total Amount of Checks Issued: \$12,698.69

Avg Amount of Checks: \$437.89

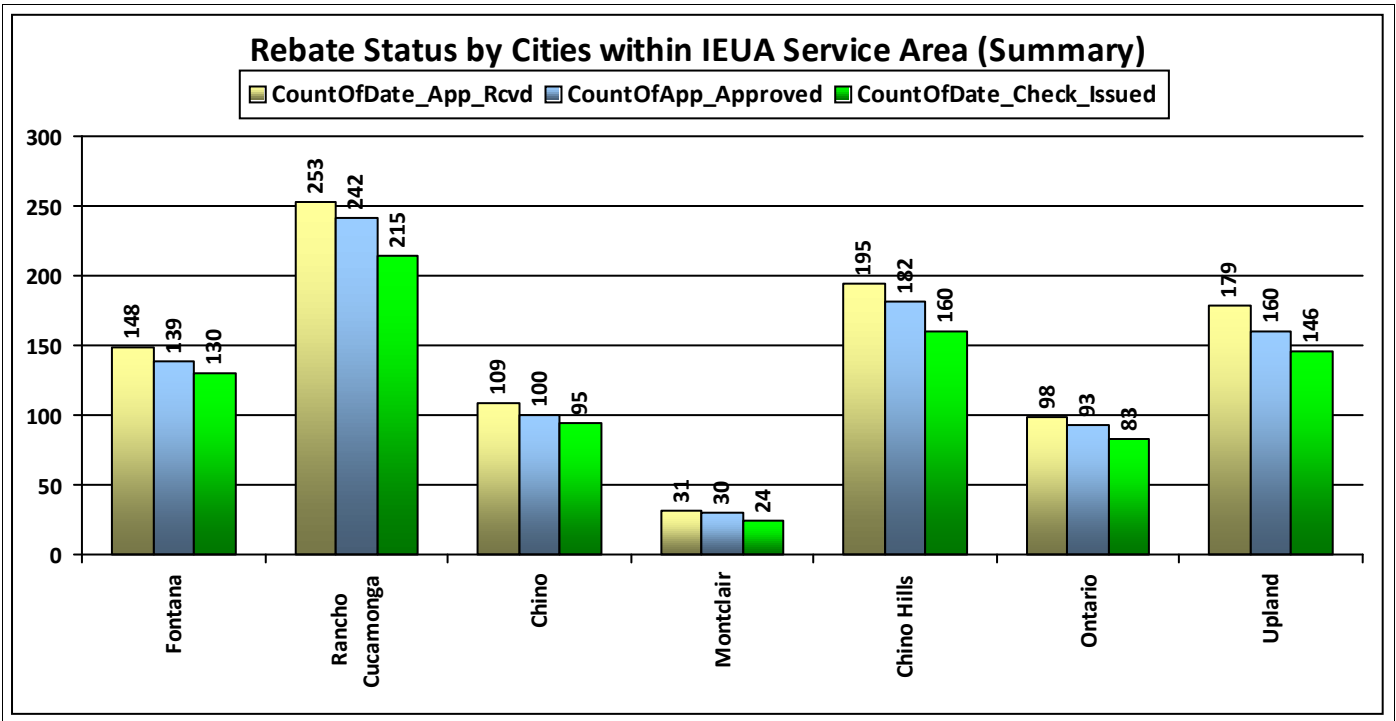
DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
<b>July 2017</b>			
7/10/2017	Romero, Sergio	220105	\$300.00
7/10/2017	Yang, Weichen	220111	\$300.00
7/28/2017	Carlton, Dwayne	220382	\$300.00
Checks Posted This Month:		3 (10.3%)	\$900.00 (7.1%)
<b>August 2017</b>			
8/15/2017	Flores, Martin	220561	\$300.00
8/15/2017	Hillary, Puredi	220566	\$300.00
Checks Posted This Month:		2 (6.9%)	\$600.00 (4.7%)
<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 (10.3%)	\$900.00 (7.1%)
<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 (10.3%)	\$900.00 (7.1%)
<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 (17.2%)	\$2,897.21 (22.8%)
<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 (6.9%)	\$600.00 (4.7%)
<b>February 2018</b>			
2/1/2018	Wroblewski, Frank	222791	\$2,000.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
Checks Posted This Month:		1 (3.4%)	\$2,000.00 (15.7%)
March 2018			
3/21/2018	Thornton, Eric	22320	\$300.00
Checks Posted This Month:		1 (3.4%)	\$300.00 (2.4%)
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 (10.3%)	\$1,801.48 (14.2%)
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 (13.8%)	\$1,200.00 (9.4%)
June 2018			
6/18/2018	Hassis, Monica	224555	\$300.00
6/18/2018	Wang, Hercules	224631	\$300.00
Checks Posted This Month:		2 (6.9%)	\$600.00 (4.7%)
Total Number of Checks:		29	Total Amount of Checks: \$12,698.69

# Rebate Applicants by Cities within IEUA (Summary)

Based on APPLICATIONS received between 1/1/2008 and 6/30/2018

City	Inquired	% of Total	App. Approved	% of Total	SRWS Removed	% of Total
Chino	109	11%	100	11%	95	11%
Chino Hills	195	19%	182	19%	160	19%
Fontana	148	15%	139	15%	130	15%
Montclair	31	3%	30	3%	24	3%
Ontario	98	10%	93	10%	83	10%
Rancho Cucamonga	253	25%	242	26%	215	25%
Upland	179	18%	160	17%	146	17%
<b>Total:</b>	<b>1013</b>		<b>946</b>	<b>93.4%</b>	<b>853</b>	<b>84.2%</b>



# 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 your local water provider.*

# Our 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

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source for the future

***IEUA Member Agency***

***Public Outreach and Educational Materials***

***FY 2017-2018***

- ***City of Chino Hills***
- ***Cucamonga Valley Water District***
- ***Fontana Water Company***
- ***Monte Vista Water District***
- ***City of Upland***

***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2017-2018***

***City of Chino Hills***





RE: Pressure Regulator Replacement Program (Program)

Dear Resident,

Chino Hills' residents have made excellent strides in saving water during the recent drought. However, the City is encouraging residents to continue their progress in becoming more water-use efficient through participation in this Program.

The Inland Empire Utilities Agency, in partnership with the City of Chino Hills, has received a grant to fund a no cost Pressure Regulator Program. The Program's purpose is to save water, energy, maintenance costs, and extend the life of your home's pipes and appliances.

You may be eligible to participate in the Program which would be at **no cost to you**. You may have a pressure regulating valve installed or an existing valve can either be repaired or replaced. This program is a one-time opportunity and enrollment is limited to the number of spaces that are available.

Enrollment is based on a first come, first served basis to qualifying residents. Eligibility is based on the following questions:

- Do you have a high pressure problem?
- Do you have an existing pressure reduction valve?

Once we confirm your interest and eligibility, the program contractor, EcoTech Services will contact you to schedule a visit at your residence to either assess or install the pressure regulating valve.

We hope you will consider the potential benefits associated with improving your indoor water pressure and efficiency. To enroll, please e-mail [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org) or call him at (909) 364-2804. Your participation in this program can help Chino Hills and California continue the progress in becoming more water-use efficient.

Sincerely,

*Jake Loukeh*

Jake Loukeh  
Water Use Efficiency Coordinator  
Public Works Department

RE: Residential Landscape Retrofit Program

Dear Resident,

You may be eligible to participate in the Residential Landscape Retrofit Program. This program is **FREE** and is designed to assist eligible customers whose irrigated area is a quarter of an acre (10,890 sq. ft.) or more. You are not required to participate but this program may improve your overall water efficiency.

The City of Chino Hills, in partnership with the Inland Empire Utilities Agency, has contracted with ConServ Inc. to manage this regional program. Enrollment is limited and available on a first-come, first-served basis to qualifying residents. Are you eligible? In order to enroll in this program, you must be able to affirmatively answer the following questions:

- Do you have an existing automated irrigation controller?
- Is the controller connected to the irrigation valves?
- Is your irrigation system working now?
- Do you irrigate a quarter of an acre or more?

Once your eligibility is confirmed, ConServ Inc. will contact you to schedule a visit for an outdoor irrigation evaluation at your home by a certified professional. After the evaluation, your outdoor landscape should become more water efficient through the retrofitting of landscape devices where capable. The upgrades, **installed at no charge to the resident**, may include a weather-based irrigation controller and high efficiency nozzles.

Despite receiving a large amount of rain, Chino Hills needs to continue the progress that has been made in both conserving water and becoming more water efficient. Your participation in this program can help Chino Hills and California conserve our precious water.

To begin enrollment, call (909) 364-2804 or email [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org)

Sincerely,

*Jake Loukeh*

Jake Loukeh  
Water Use Efficiency Coordinator  
Public Works Department

RE: Irrigation Controller Program

Dear Resident,

Chino Hills' residents have made great strides in saving water during the recent drought. However, we are encouraging residents to remember that we may face additional dry periods in the future and that our landscapes represent an opportunity for water savings.

The City of Chino Hills, in partnership with the Inland Empire Utilities Agency, is funding a **FREE** Small Site Irrigation Controller Program (Program). This new Program is designed to assist eligible customers, whose irrigated area (turf, trees and shrubs) is between 500 and 10,000 square feet, with the installation of a new irrigation controller.

Enrollment is limited and available on a first-come, first-served basis to qualifying residents. To enroll in this program, all of the following criteria must be met:

- Do you have an existing indoor or outdoor automated controller?
- Is the controller connected to the irrigation valves?
- Is your irrigation system working now?
- Is your irrigated area between 500 and 10,000 square feet?

Once your interest and eligibility is confirmed, the contractor, ConServ Inc., will host a **short mandatory hands-on workshop** on the new irrigation controller. Following the completed training, ConServ Inc. will schedule a visit for a landscape audit and controller installation at no charge to the resident. Residents who complete the workshop will also receive a complimentary gift bag.

We hope you will consider the potential benefits associated with improving your overall water-use efficiency. To enroll, please e-mail [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org) or call him at (909) 364-2804. Your participation in this program can help Chino Hills and California continue the progress in becoming more water-use efficient.

Sincerely,

*Jake Loukeh*

Jake Loukeh  
Water Use Efficiency Coordinator  
Public Works Department

RE: Turf Removal

Dear Resident,

You may be eligible to participate in the current Landscape Transformation Program (Program). The goals are to lower your outdoor water consumption and reduce any runoff coming from your irrigation system. By participating, you will increase your overall water-use efficiency which will also translate into cost savings for you.

The Inland Empire Utilities Agency has decided to add \$1 per square foot to the current \$1 per square foot rebate from the Southern California Metropolitan Water District. Residential projects can be rebated up to 1,500 square feet. Enrollment in the Program is limited and available on a first-come, first-served basis to qualifying residents. Interested residents should visit the link below.

[www.chinohills.org/waterrebates](http://www.chinohills.org/waterrebates)

We have included a *partial* list of the guidelines for the upcoming Program. Before enrolling, residents are encouraged to read through the guidelines and/or requirements associated with the Landscape Transformation Program. A few of the requirements include:

- Residents will have 180 days to complete the Program
- A simple landscape plan must be submitted
- Residents will be required to attend a class either in-person or online
- Pre- and post- inspections may be required

Recent changes in California and in Chino Hills have made saving water a new way of life and Public Works staff are here to help residents meet these changes. Chino Hills' goal is to continue the progress that has been made in both conserving water and becoming more water efficient.

For any questions, you may call me at (909) 364-2804 or email [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org). Your participation in this popular program can help Chino Hills and California conserve our precious water.

Sincerely,

*Jake Loukeh*

Jake Loukeh  
Water Use Efficiency Coordinator  
Public Works Department

***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2017-2018***

***Cucamonga Valley Water District***





# CVWD LANDSCAPE WORKSHOP SERIES

## WATER WISE PLANTS: SEPTEMBER 21, 2017

**5:30 PM-8:00 PM**

**10440 Ashford Street  
Rancho Cucamonga**

Learn how to select drought tolerant plants for specific areas of your yard and how to incorporate and maintain native plants in your landscape.



**To register or for more information:  
[CVWDwater.com](http://CVWDwater.com) or 909-483-7465**

**Registration Required.**

**Participants must be 18 years or older.**

**Contest Entry Deadline:**  
**April 30, 2018**

Applicant's Name

Property Address

City and Zip Code

Daytime Phone #

Email Address

CVWD Account Number

Signing the contest entry form will authorize public display of photographs and/or video clips of my landscape and my name, but not my address, for the purpose of promoting water conservation programs.

Signature of Applicant

Date Signed



**Questions?**

Contact the  
Communications & Outreach Department  
(909) 987-2591

**Mail to:**

Cucamonga Valley Water District  
Communications & Outreach  
PO Box 638  
Rancho Cucamonga, CA 91729

**Apply online:**

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



*Service Beyond Expectation*

WATER SAVVY  
**LANDSCAPE**

»»»»»»»»»» CONTEST ««««««««««



**Applications Due:**  
**April 30, 2018**



*Service Beyond Expectation*

## Program Purpose

The Water Savvy Landscape Contest promotes water conservation through landscaping by recognizing landscapes that are both beautiful and water efficient.

## What You Can Win

- A \$250 gift card to a local nursery
- Recognition on CVWD's website and in the customer newsletter
- A "Winning Landscape" sign for your yard
- An invitation to be featured on CVWD's Water Savvy Garden Tour

## Judging Criteria

**Overall Attractiveness**– Is the landscape visually appealing? Does it contain color and texture? Is there one distinct theme?

**Appropriate Plant Selection**– Are the plants used appropriate for our climate zone?

**Design**– Is the landscape design innovative, keeping in mind natural resource conservation and landscape function? Are watering zones appropriately used?

**Efficient Methods of Irrigation**– Is a water efficient irrigation system and schedule used for the landscape? Does the system contain high efficiency devices such as drip irrigation, a weather based timer, and high efficiency sprinkler nozzles?



## Contest Rules

- Participant must be a current Cucamonga Valley Water District customer.
- Overall natural resource conservation will be evaluated. Examples include: water efficient plants, artificial turf, permeable hardscapes and efficient irrigation methods.
- Site visits will take place after the application deadline. Judges will determine which applicants' sites will be visited. Owner must be present during site visit if the backyard has been submitted.
- Past applicants and Honorable Mention winners may reapply. Past Grand Prize winners are not eligible.
- Up to three winners will be chosen. The program committee reserves the right not to issue an award if three sufficient entries are not received. The judges' decisions are final.

## Entry Package Must Include:

- Completed Entry Form
- 5 different color photos of your landscape, including at least one overall view. Write your name and address on the back of each photo. Photos will not be returned.
- Plant List
- Irrigation method, including types of devices and watering schedule.
- A brief explanation of what qualifies your landscape as water efficient.

## Contest Entry Deadline:

**April 30, 2018**

## Entry Form

Please respond to the following questions as they apply to your landscape:

1. What is the square footage of the landscape area? \_\_\_\_\_ sq. ft.

2. Approximately what percentage of your landscape is grass? \_\_\_\_\_%

3. Who maintains the landscape and the watering schedule?

\_\_\_\_\_Self \_\_\_\_\_ Landscape Professional

4. When was the landscape installation completed?

Date \_\_\_\_\_

5. How did you hear about the Water Savvy Landscape Contest?

\_\_\_\_\_  
If a neighbor referred you to the contest, please put their name here to receive credit.

**More on the other side of this panel.**





# PARKWAY TURF REPLACEMENT REBATE PROGRAM

CVWD is offering a \$300 incentive to customers who replace the grass in their parkways with low-water using plants and high-efficient watering systems.



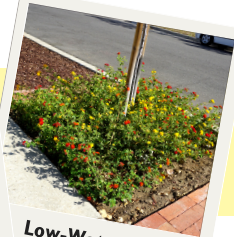
**Water Savvy Plants**



**Mixed Textures**



**Drought Tolerant**



**Low-Water Use**

*Apply online  
today!*



Cucamonga Valley®  
Water District

*Service Beyond Expectation*

*Must be pre-approved before removing grass.*

*Funding is limited and restrictions apply.*

*Program requirements and details available online.*

**CVWDwater.com**

**909-987-2591**

# LLOYD W. MICHAEL WATER TREATMENT PLANT TOUR

SEPTEMBER 19, 2017 @ 5:30PM

5815 ETIWANDA AVE, RANCHO CUCAMONGA

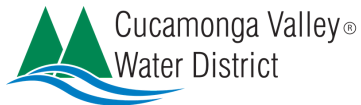


## ARE YOU INTERESTED IN...

- Water Quality
- Water Treatment
- Careers in Water

OR

Simply want to learn where  
your water comes from?



Cucamonga Valley®  
Water District

*Service Beyond Expectation*

**SPACE IS LIMITED! REGISTER TODAY!**

*\*Registration is Required; Must be 18 or over.*

**CVWDwater.com**

**909-483-7464**

# CWWD Upcoming Events

**Lloyd W. Michael Water Treatment Plant Tour**  
Tues. Sept. 19; 5:30 pm  
5815 Etiwanda Ave., RC

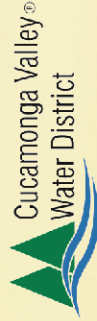
**Landscape Workshop:  
Water Wise Plants**  
Thurs. Sept. 21; 5:30 pm- 8:00 pm  
10440 Ashford St., RC

**Drip Kit Workshop at Chino Basin  
Water Conservation District**  
Sat. Sept. 23; 9:00 am - 11:00 am  
4594 San Bernardino St., Montclair

**Customer Service Week**  
Stop by the District's office October 2 - 6  
to receive a free hose nozzle!  
*\*Limit: 1 hose nozzle per household.*

**Landscape Workshop:  
Efficient Irrigation**  
Wed. October 4; 5:30 pm- 8:00 pm  
10440 Ashford St., RC

**RSVP Required for Events.**  
*Must be 18 years or older to participate.*

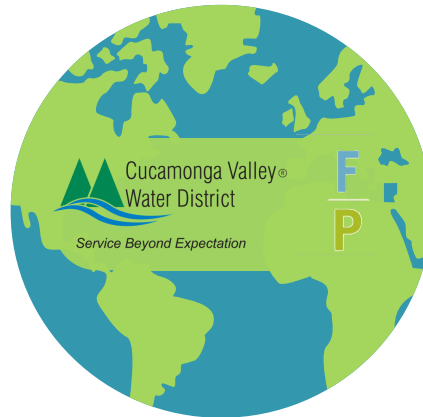


*Service Beyond Expectation*

**CWWDwater.com 909-483-7465**

**APRIL 7, 2018**

# EARTH DAY & OPEN HOUSE



**FREE**

**APRIL 7, 2018  
10440 ASHFORD STREET,  
RANCHO CUCAMONGA  
10 AM - 2 PM**

*Refreshments, Games, Giveaways, and More!*

**Document Shredding – Landscape Workshops  
Eco Entertainment – Resource Fair**


**Free**   
Rancho Cucamonga  
*(while supplies last)*

**Sponsors:**

INLAND VALLEY  
DAILY BULLETIN  
dailybulletin.com  
**THE SUN**  
sbsun.com



**Hosted by:**

  
Cucamonga Valley®  
Water District  
Service Beyond Expectation

**F  
P**  
the **frontier** project

**CVWDWATER.COM**

**909-987-2591**



## CVWD PLANNING HIGHLIGHTS /// DROUGHT RESILIENCY



### COMPREHENSIVE STRATEGY ///

Effective long-term planning, community outreach, water use efficiency education, and customer willingness to change watering habits have all contributed to our drought resiliency strategy. By 2018, CVWD will complete the Meter Exchange Project, which retrofits older meters to models that will allow CVWD to read them remotely and instantly notify of leaks.

*For more information:* [CVWDwater.com](http://CVWDwater.com) or 909-987-2591



### LOCAL WATER SUPPLY & BANKING ///

To reduce the reliance on imported water, CVWD has been using local groundwater supplies more efficiently. New treatment technology has allowed greater use of the supply. Continued groundwater banking over the last decade has allowed for pumping during times of drought or when imported supplies are unavailable or too expensive.

*Connect with us:*   



## CVWD PLANNING HIGHLIGHTS /// DROUGHT RESILIENCY



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*Connect with us:*   



APRIL 7, 2018

# EARTH DAY & OPEN HOUSE



April 7, 2018  
10440 Ashford Street  
Rancho Cucamonga  
10 AM - 2 PM

## REFRESHMENTS, GAMES, GIVEAWAYS, AND MORE!

Hosted by:



Sponsors:



- Environmental Resource Fair
- Document Shredding
- Landscape Workshops
- Eco-Entertainment

CVWDWATER.COM 909-987-2591

STAY CONNECTED!



APRIL 7, 2018

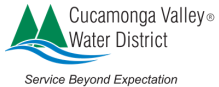
# EARTH DAY & OPEN HOUSE



April 7, 2018  
10440 Ashford Street, RC  
10 AM - 2 PM

DOCUMENT SHREDDING  
LANDSCAPE WORKSHOPS  
RESOURCE FAIR  
ENTERTAINMENT & FUN

Hosted by:



Sponsors:



free  while supplies last  
Rancho Cucamonga

CVWDWATER.COM 909-987-2591

STAY CONNECTED!



APRIL 7, 2018

# EARTH DAY & OPEN HOUSE



APRIL 7, 2018  
10440 ASHFORD STREET,  
RANCHO CUCAMONGA  
10 AM - 2 PM

*Refreshments, Games, Giveaways, and More!*

**Document Shredding – Landscape Workshops  
Eco Entertainment – Resource Fair**

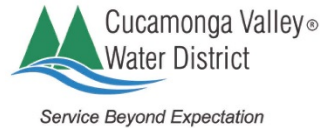
**PLUS FREE**   
Rancho Cucamonga

Sponsors:

INLAND VALLEY  
DAILY BULLETIN  
dailybulletin.com  
THE SUN  
sbstn.com



Hosted by:



CVWDWATER.COM

909-987-2591







**Join Us!**

**EARTH DAY &  
OPEN  
HOUSE**



**Saturday, April 7**  
@ CVWD  
**10 AM - 2 PM**  
Free Document Shredding  
& Family Fun!



WATER SAVVY  
**GARDEN TOUR**  
**Saturday, April 28**  
Tour starts @ CVWD - 9 AM



[CVWDwater.com](http://CVWDwater.com) 909-987-2591



**Join Us!**

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*Refreshments, Games, Giveaways, and More!*



**Document Shredding – Resource Fair  
Eco Entertainment – Landscape Workshops**



F  
P

CVWDWATER.COM  
909-987-2591



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F  
P

CVWDWATER.COM  
909-987-2591



WATER SAVVY

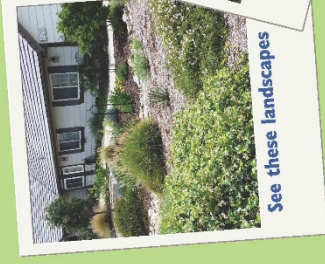
# GARDEN TOUR

*Be inspired to transform your landscape!*

**Saturday, April 28th**  
**9am to 3pm**



- Start at CVWD, then be on your way to see up to 15 gardens at your leisure
- Self-guided tour includes new featured homes and the amazing Maloof Discovery Garden!
- Tour cost is \$10



See these landscapes



and many more!

Like us on  for  
Buy One Get One FREE registration!!!



Registration Required: [CWDwater.com](http://CWDwater.com) • 909-987-2591

Join us!



## SPRING LANDSCAPE WORKSHOPS

### WATERWISE PLANTS

WEDNESDAY  
MAY 16, 5:30-8 PM

Learn about beautiful plants that use little water and thrive in our warm climate. This workshop will feature attractive plant options to consider when making your yard water efficient.

### PREP & DESIGN

SATURDAY  
JUNE 16, 9 AM-1 PM

This workshop will cover turf removal and various landscape design elements. Learn the first steps to designing and installing a water efficient landscape from an industry expert.

LOCATION: 10440 Ashford Street, Rancho Cucamonga



Registration Required. Participants must be 18 years or older.  
[CWDwater.com](http://CWDwater.com) • 909-483-7465

# WATER SAVVY LANDSCAPE CONTEST

APPLICATIONS DUE

April  
30

## 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

Nominate a Winning Landscape and win a \$25 gift card!

Apply today!

CVWDwater.com  
909-987-2591



Dominick Residence



Weekly Residence



Cavanaugh Residence



Cavin Residence

## WATER SAVVY GARDEN TOUR

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Saturday, April 28th  
9am to 3pm



See these landscapes



and many more!

CVWD's self-guided tour showcases 15 gardens including newly featured homes and the amazing Maloof Discovery Garden!

FREE!

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CVWD's self-guided tour showcases 15 gardens including newly featured homes and the amazing Maloof Discovery Garden!



**See these landscapes**



**and many more!**



**Registration Required: [CVWDwater.com](http://CVWDwater.com) • 909-987-2591**

**FREE!**



# CVWD LANDSCAPE WORKSHOP SERIES

## EFFICIENT IRRIGATION: OCTOBER 4, 2017

**5:30 PM-8:00 PM**

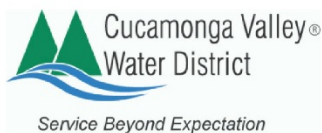
10440 Ashford Street  
Rancho Cucamonga

Learn how to be water savvy by improving your landscape's watering system. This class will provide information about water efficient irrigation devices and design.

**To register or for more information:  
[CVWDwater.com](http://CVWDwater.com) or 909-483-7465**

**Registration Required.**

**Participants must be 18 years or older.**



# Did You Know...?



*CVWD works diligently to plan ahead to ensure the community's water needs are met for years to come.*



Through planning, and anticipating water supply availability and customer demand, the Cucamonga Valley Water District (CVWD) ensures the community has the water resources

they need to thrive in the future. Three significant elements play a role in effective water supply planning: Water Quality, Water Supply Reliability, and Drought Resiliency.

The quality of the water served is just as important as the reliability of the water supply. CVWD analyzes water samples 24 hours a day to ensure the highest quality. Each year CVWD produces a Water Quality Report that details any contaminants detected in the water supply. The 2016 Water Quality Report can be viewed at [CVWDwater.com/CCRpdf](http://CVWDwater.com/CCRpdf).



**34 Reservoirs**

**94 million gallons**  
of storage capacity



**Groundwater**

**23 billion gallons**  
of water stored



**29 Wells**

**in Chino and Cucamonga Basins**



**678 miles**

of water pipeline



**420 miles**

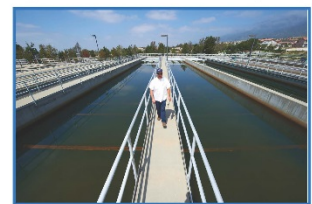
of sewer pipeline



CVWD has a diverse portfolio of water sources including groundwater, surface water from imported sources and local canyons, recycled water, and conservation. Recently, CVWD has increased production from local groundwater sources by nearly 50%, enabling the District to rely solely on local supplies during a wet season.

CVWD has developed a drought resiliency strategy including long-term planning, community outreach, water efficiency education, and customer willingness to change habits. This includes new treatment technologies to treat groundwater; and groundwater banking where excess water is set aside during wet years and withdrawn from the groundwater basin during dry years.

CVWD invests and plans effectively to meet the needs of a growing and changing community. CVWD will continue to meet those changing needs through a diverse supply and more efficient use of local supplies, while continuing to provide the high quality water our customers have come to expect.



For more information on CVWD and our conservation programs visit [CVWDwater.com](http://CVWDwater.com) or call 909-483-7465.



»»»»»»»»»» WATER SAVVY ««««««««««  
**LANDSCAPE CONTEST**

**APPLICATIONS DUE** **April 30**

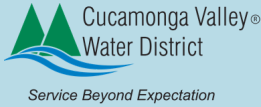
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**Nominate a Winning Landscape and win a \$25 gift card!**

**Apply today!**

**CVWDwater.com**  
**909-987-2591**



**2017 Contest Grand Prize Winners**



**Dominick Residence**



**Weekly Residence**



**Cavanaugh Residence**



**Cavin Residence**



# »»»»»»»» WATER SAVVY «««««««« LANDSCAPE CONTEST

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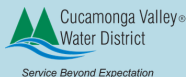
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**909-987-2591**



## 2017 Contest Grand Prize Winners



Dominick Residence



Weekly Residence



Cavanaugh Residence



Cavin Residence

*Spring*

# Landscaping Workshops

Sign up today!



## Waterwise Plants

**Wednesday, May 16,  
5:30 - 8 PM**

Learn about beautiful plants that thrive in our warm climate. This workshop will feature attractive plant options to consider when making your yard water efficient!

## Prep & Design

**Saturday, June 16  
9 AM - 1 PM**

Learn the first steps to designing and installing a water efficient landscape from an industry expert!

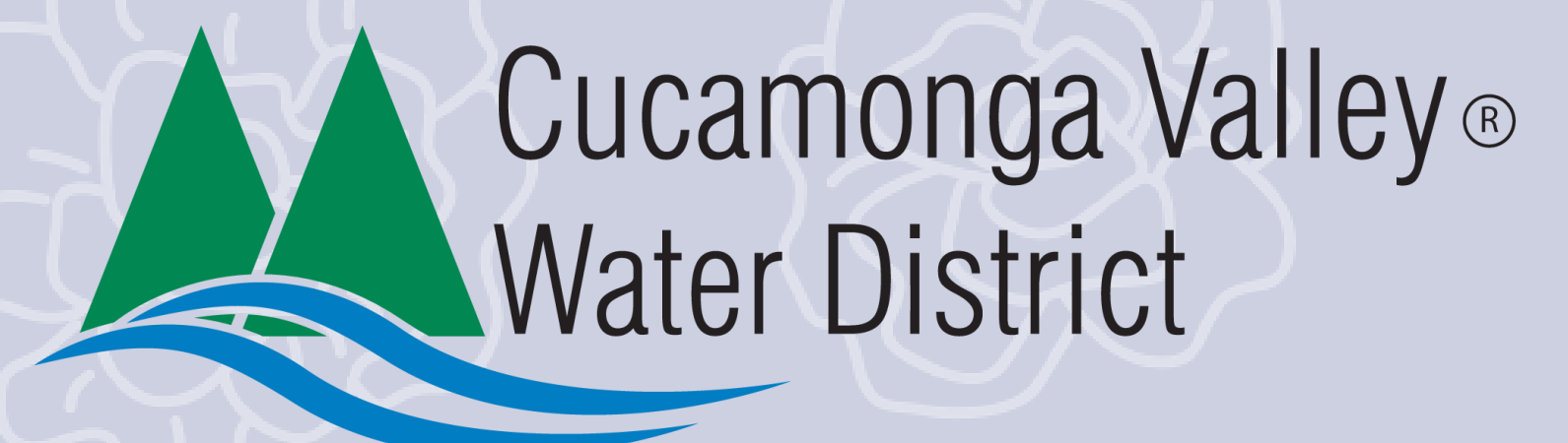


### Location:

Frontier Project  
10440 Ashford St.,  
Rancho Cucamonga

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

**909-483-7465**



Cucamonga Valley®  
Water District

*Service Beyond Expectation*

## CVWD PLANNING HIGHLIGHTS /// WATER QUALITY



### COMMITMENT ///

The District recognizes that the quality of the water we serve our customers is every bit as important as the reliability of our water supply. Every year, CVWD produces a Water Quality Report and makes it available to customers, sharing detailed information and complying with all federal agencies-reporting zero violations year after year.

*For more information:* [CVWDwater.com](http://CVWDwater.com) or 909-987-2591



### TECHNOLOGY & TESTING ///

Due to recent upgrades done in compliance with new EPA standards, CVWD added both UV and Granular Activated Carbon treatments at the Lloyd W. Michael Water Treatment Plant. Employees collect and analyze water samples 24 hours a day, 7 days a week, providing customers with the highest quality water at all times.

*Connect with us:*   



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*Connect with us:*   





**CVWD LANDSCAPE  
WORKSHOP SERIES**



**SEPTEMBER 21**

10440 Ashford Street  
Rancho Cucamonga

**WATER WISE PLANTS**

5:30 PM - 8:00 PM

Learn how to select drought tolerant plants for specific areas of your yard and how to incorporate and maintain native plants in your landscape.

***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2017-2018***

***Fontana Water Company***



# Gardening Workshops 2018

FONTANA WATER COMPANY IS OFFERING **FREE** GARDENING WORKSHOPS TO ITS CUSTOMERS. HANDOUTS, GIVEAWAYS, AND FOOD ARE INCLUDED. HURRY AND REGISTER, SEATING IS LIMITED FOR EACH WORKSHOP.

## GARDENING INTRO WORKSHOPS

LEARN ABOUT LANDSCAPE DESIGN BASICS, PLANT SELECTION, IRRIGATION DESIGN AND SOIL ADMMENDMENTS.

SATURDAYS

MARCH 3RD OR MAY 19TH

9:00 AM TO 12:30 PM

## LANDSCAPE DESIGN BASICS WORKSHOP

SATURDAY

MARCH 17TH

9:00 AM TO 12:30 PM

## IRRIGATION & WATER CAPTURE WORKSHOP

SATURDAY

MARCH 24TH

9:00 AM TO 12:30 PM

## WATER-EFFICIENT PLANT WORKSHOP

SATURDAY

APRIL 14TH

9:00 AM TO 12:30 PM

## PLANT MAINTANCE, PRUNING & MULCHING

SATURDAY

APRIL 28TH

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 ROUTE  
FONTANA, CA 92335



## Participating Guidelines:

- Only offered to CARW (California Alternative Rates for Water) customers of Fontana Water Company.
- Only single-family residential dwellings are eligible.
- There is a maximum of two free high-efficiency toilets per household. Toilet installation is free and provided by a qualified contractor.
- Existing toilets to be replaced must flush 3.5 gallons or greater; typically toilets that were bought and installed prior to 1992.
- A pre-installation inspection will be conducted.
- Households that have previously received toilets through another toilet distribution program or a rebate program are not eligible.
- New construction and bathroom remodels are not eligible.
- Supplies are limited and are offered on a first-come, first-served basis.

To apply call EcoTech Services, Inc. at:  
*Llame a EcoTech para inscribirse.*

# 866-308-8391



Fontana Water Company

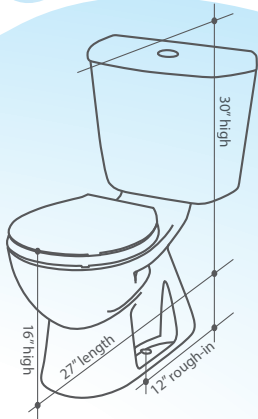
15966 Arrow Route  
Fontana, CA 92335  
(909) 822 - 2201  
www.fontanawater.com

Fontana Water Company

# FREE

# HIGH-EFFICIENCY TOILETS

INODOROS DE ALTA  
EFICIENCIA GRATIS



FREE INSTALLATION  
INCLUDED

## Niagara Stealth

Round Bowl N7716 White  
0.8 Gallons per Flush

Toilet type may vary depending  
on availability or site conditions.

Call to Sign Up

# 866-308-8391

SE HABLA ESPAÑOL

Available for a limited time only







**SATURDAY**  
November 4, 2017  
STARTING AT  
8:00 AM

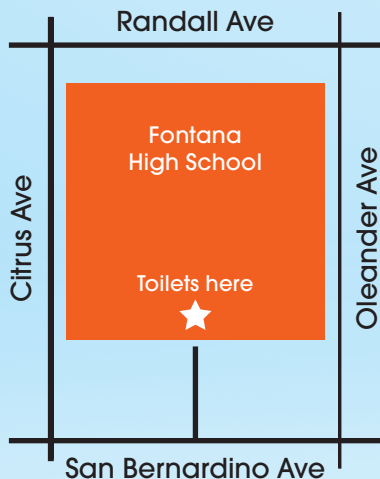
# FREE HIGH EFFICIENCY TOILETS

- Only Fontana Water Company (FWC) customers are eligible to participate in this program. Toilets must be installed at a residential address serviced by FWC.
- You must bring a current water bill and photo ID. The water bill must show the name of the water company and the account number for the address where the HETs will be installed. Receipts, cancelled checks, homeowners association bills or mobile home park utility bills do **not** qualify as the water bill.
- Residential addresses that have previously participated in the program and already received two (2) free toilets at any time in the past, are not eligible to participate again.
- New construction or renovations where a toilet was not previously installed do not qualify.
- There is a maximum of two (2) free toilets per household.

Location:

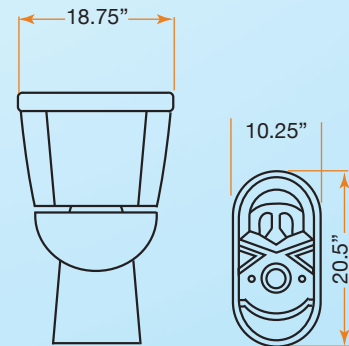
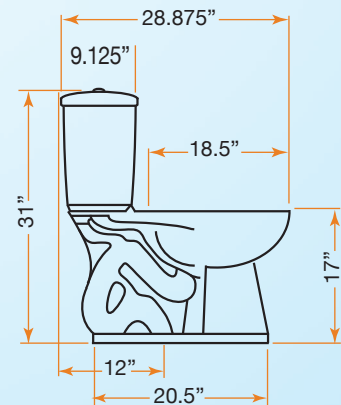


**Fontana High School**  
9453 Citrus Ave  
Fontana, CA 92335



## Niagara Stealth

Elongated, White  
Bowl-N7717 Tank-N7714  
0.8 Gallons per Flush  
Toilet type may vary depending on availability or site conditions.



**Supplies are limited and offered on a first-come, first-served basis.**

Be prepared to wait in line.

For general information, call toll free:

**(866) 308-8391**



**SÁBADO**  
4 de Noviembre, 2017  
A PARTIR DE LAS  
**8:00 AM**

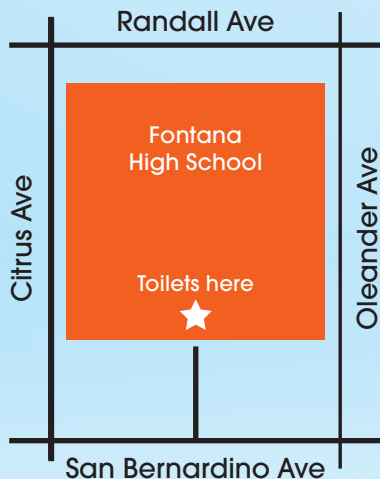
# GRATIS: INODOROS DE ALTA EFICIENCIA

- Solamente los clientes de Fontana Water Company (FWC) pueden participar en este programa. Inodoros tienen que ser instalados en un domicilio residencial bajo el servicio de FWC.
- Debe traer una factura reciente de su cuenta de agua e identificación con foto. La factura debe mostrar el nombre de la compañía de agua y el número de cuenta de la dirección donde el inodoro será instalado. Recibos, talones de cheques, facturas de asociación de propietarios o facturas de casa móvil, **no** son válidas como factura de su cuenta de agua.
- Direcciones residenciales que han participado anteriormente en el programa y ya han recibido dos (2) inodoros gratis en el pasado, no son elegibles para participar de nuevo.
- Nuevas construcciones o restauración de baños que no tenían un inodoro previamente instalado no califican.
- Se entregarán un máximo de dos (2) inodoros gratis por hogar.

Dirección:



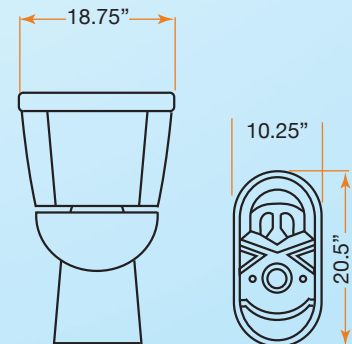
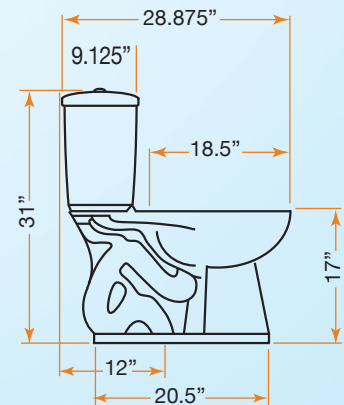
**Fontana High School**  
9453 Citrus Ave  
Fontana, CA 92335



## Niagara Stealth

Taza, Blanco  
Alagarda-N7717 Tanque-N7714  
0.8 Galones

Tipo de Inodoro puede variar dependiendo de la disponibilidad o condiciones del sitio.



**La cantidad de inodoros es limitada y serán distribuidos por orden de llegada.**

Prepárese para esperar en línea.

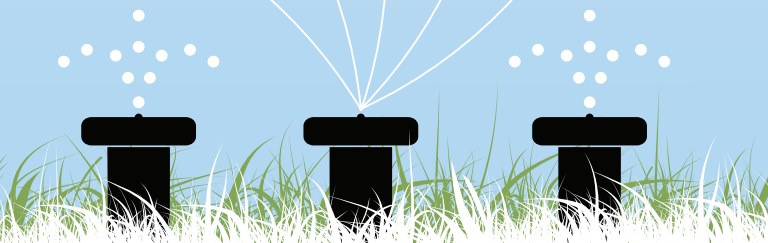
Para más información llame al:

**(866) 308-8391**



# FREE

## IRRIGATION CONTROLLER & NOZZLE RETROFITS



### — PARTICIPATION REQUIREMENTS —

- MUST BE A CUSTOMER OF FONTANA WATER COMPANY
- WORKING IRRIGATION SYSTEM WITH A CONTROLLER
- MINIMUM 25 SPRAY HEADS
- POP-UP SPRAY HEADS MUST BE PVC, NOT BRASS

### — FIRST COME, FIRST SERVE —

**866-308-8391**



***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2017-2018***

***Monte Vista Water District***



# DID YOU MISS OUT DURING THE DROUGHT?

## The turf removal rebate is now available to Monte Vista Water District customers!

Take advantage of this opportunity to swap out your lawn for a beautiful, water efficient landscape!

### Residential

- ◆ \$2.50/per square foot; up to 1,500 square feet project size
- ◆ Rebate covers front, side, and backyard (portion of front yard must be completed)
- ◆ Customer must attend a mandatory class
- ◆ 180 days to complete the project

### Commercial (CII)

- ◆ \$2/square foot; up to 10,000 square feet project size
- ◆ \*No class required
- ◆ All other requirements are the same as residential

**Residential and CII customers must meet additional requirements to qualify**

**FUNDS ARE LIMITED** and will be disbursed on a first-come, first-served basis.

Visit [www.socalwatersmart.com](http://www.socalwatersmart.com) for complete details and to apply.

If you have any questions, please call 909.267.2130.



**A MESSAGE FROM YOUR LOCAL WATER PROVIDER**

# **THE REGIONAL TURF REMOVAL REBATE IS BACK!**

**See reverse side for program qualifications**



**10575 Central Ave., Montclair, CA 91763 | 909.624.0035**



## Attention Customers!

**Monte Vista Water District's Annual Water Quality Report is now available online.**

To read the report, visit [www.report.mvwd.org](http://www.report.mvwd.org)

*This report contains important information about the source and quality of your drinking water. If you would like a paper copy mailed to your home, please call (909) 624-0035. For more information about your water supply, visit [www.mvwd.org](http://www.mvwd.org) and click "Your Water."*

## ¡Atención Clientes!

**El Reporte Anual de Calidad de Agua de Monte Vista Water District ya está disponible electrónicamente.**

Para leer el reporte, visite [www.reporte.mvwd.org](http://www.reporte.mvwd.org)

*Este reporte contiene información importante acerca del origen y la calidad de su agua potable. Si desea una copia por correo, favor de llamar al (909) 624-0035. Para más información sobre sus fuentes del suministro de agua, visite [www.mvwd.org](http://www.mvwd.org) y haga clic en "Your Water."*

# WATER YOU DOING...



dropcountr

## What are you doing to track **YOUR WATER USAGE?**

Don't let your money go down the drain! Download the **FREE Dropcountr** mobile app today to track how much water you are using, see how you compare to other households, and receive information about rebates and free water-saving programs from Monte Vista Water District. Getting started is easy. Simply download the app on your phone or access it on your desktop. Saving money **AND** water is just a swipe away. Available for Apple and Android phones.

Learn More Water Saving Tips at:  
[MVWD.org](http://MVWD.org)

**Monte Vista**  
Water District





Since 1927

# 2018 Rate Adjustments

On January 13, 2016, Monte Vista Water District's Board of Directors adopted Resolution 698-16 establishing a four-year schedule of water rates. The current rate schedule went into effect on January 1, 2018.

## New Water Service Charges\*

Single Family Residential	New Rates
Residential Tier 1: Indoor Budget	\$2.04 per Unit
Residential Tier 2: Outdoor Budget	\$2.71 per Unit
Residential Tier 3: Discretionary	\$5.17 per Unit
Residential Tier 4: Excessive	\$5.92 per Unit

## Dedicated Irrigation

Irrigation Tier 1: Outdoor Budget	\$2.32 per Unit
Irrigation Tier 2: Excessive	\$3.31 per Unit

## All Other Customers

Domestic	\$2.50 per Unit
Recycled	\$2.02 per Unit

## New Bi-monthly Readiness-to-Serve Charges (RTS)\*\*

Meter Size	New Rates
3/4 inch or smaller	\$40.65
1 inch	\$57.10

\* The Water Service charge covers the cost of obtaining water supply, treatment, energy, and associated costs, as well as system and facility improvement and replacement projects.

\*\*The RTS charge covers a portion of the fixed costs of operating the District, including maintenance of the water system and facilities, customer service, and administration.

**See reverse side for more information**

# Why does Monte Vista Water District need to raise rates?

The increased rates ensure the district continues to meet operational and facility replacement needs. Rates are determined by the cost to deliver top quality water to our customers in the most efficient manner possible.

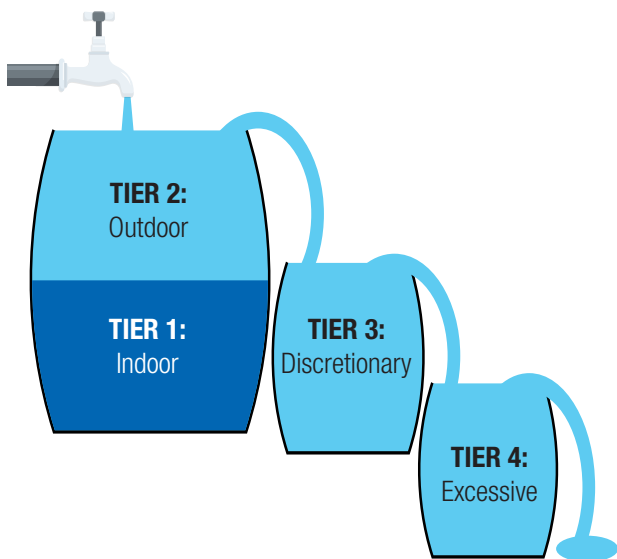
## Residential budget-based tiered rates – how do they work?

**Did you know** that each customer receives a unique water budget based on property size, landscape area and number of residents? Customers are highly encouraged to stay within their water budget to avoid higher rate charges for excess water use.

Budget-based rate billing is designed to consider the unique water needs of each customer, and to allow the lowest cost water to be utilized for essential use. It's a customized approach that gives residents an allocation of water based upon their unique indoor and outdoor water needs while also encouraging water use efficiency.

### YOUR WATER BUDGET

The most efficient use of water occurs in Tiers 1 and 2.



## Statewide Water Use Efficiency Goals

In a move to ensure adequate water supply for the citizens of California, Gov. Jerry Brown signed SB 606 and AB 1668, establishing statewide water use efficiency goals for water providers across the state. **These new standards apply to MVWD and not individual customers.**

The District encourages all customers to continue to use water efficiently year-round and stay within their allocated water budget to help the District meet its target goal. We thank you for your continued efficient water use!



## Central Pipeline Replacement Project

Last fall, the District began construction of a pipeline replacement project on Central Avenue between Palo Verde and San Bernardino Street. The four-month project, which concluded January 2018, replaced a total of 1,540 linear feet of aged, 4 inch steel pipeline with 8 inch ductile iron pipes. As a result of the upgrade, customers now have improved capacity and water pressure. Three fire hydrants were also upgraded to larger models, providing better fire protection in the area.

MVWD maintains an ongoing commitment to replacing and upgrading infrastructure to ensure customers receive the most reliable water service. The District thanks you for your patience and understanding as we continue to plan and work toward providing you long-term water supply reliability.



## Local Student Awards



### 2018 Scholarship Winners

The MVWD Board of Directors recently awarded Melina Fernandez and Lizeth Rizo of Montclair High School the 2018 Bruce J. Lance Scholarship. The two scholarships were created by the Board to commemorate Lance for 44 years of extraordinary service to the District and the community as the District's general counsel.

Melina plans to attend University of California, Riverside and Lizeth will attend the University of California, Los Angeles in the fall. Congratulations to both student winners!

### 2018 WEWAC Water Media Campaign Winners



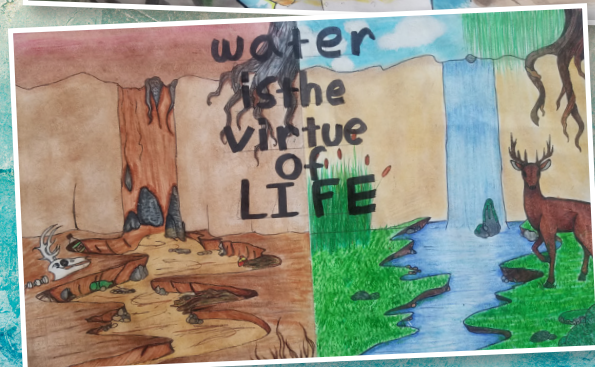
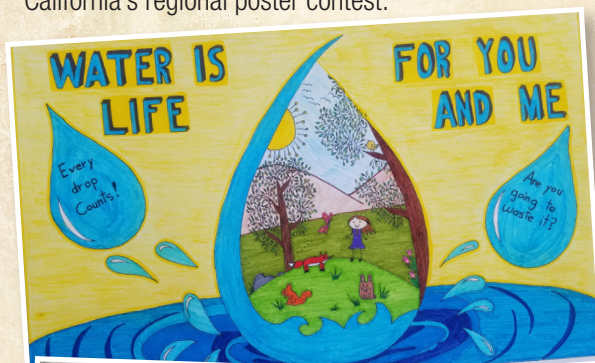
The District recognized Amanda Lemus and Alice Yam of Montclair High School as winners in the Water Education Water Awareness Committee's 2018 Water Media Campaign! Amanda and Alice won first and third place, respectively, in the digital art category for their creative depictions of our local water supply.

Each year, middle and high school students in the WEWAC's service area are challenged to channel their creativity through broadcast media or digital art and shine light on the importance of water in Southern California. Congratulations to both winners!

### 2018 "Water Is Life" Art Poster Contest

MVWD recently held its 2018 "Water is Life" Poster Contest and received 67 entries representing 17 classrooms in 6 schools. Congratulations to all of the winners! To view a slideshow of all winning posters, visit the District's website, [www.mvwd.org](http://www.mvwd.org), and follow the "For Teachers" and "Poster Contest" menu links.

Good luck to all winning students, whose posters are moving on to Metropolitan Water District of Southern California's regional poster contest.



## Employee of the Year Barry Rowley

Barry Rowley of Montclair was named 2017 Employee of the Year at the District's annual employee awards event held this spring. Rowley, customer service supervisor, has been with MVWD since June 1979 and is the first employee to receive the award for the second time! His responsibilities include supervising customer service and meter technician personnel, overseeing all front office activities, and responding to complex customer billing inquiries. **Congratulations, Barry!**



**INSIDE:**  
90<sup>th</sup> Anniversary Update  
Turf Rebate is Back  
Your Dollars at Work

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 ● RAFFLES  
WORKSHOPS ● GIVEAWAYS  
LIVE ENTERTAINMENT

CBWCD, 4594 San Bernardino St. in Montclair



Summer 2018

WATERLINE

# 90<sup>th</sup> Anniversary Update

MVWD's 90th anniversary celebration concludes this summer after a year-long campaign featuring giveaways, customer appreciation awards, and five indoor/outdoor high-efficiency upgrades! The District conducted the campaign to celebrate customers who have implemented water use efficiency practices in their home or business. Congratulations to all of the winners of our 90th anniversary celebration activities!

## Customer Appreciation Program Winners

### Most Improved Water User:

**1st Place:** Philip Davey; **2nd Place:** Melvin & Phyllis Moses; **3rd Place:** Deanne Charles

### Outstanding Efficient Water User:

**1st Place:** Benjamin Meza; **2nd Place:** Nicolas & Mary Magdalen Mendoza; **3rd Place:** Diane Rogers

### Landscape Transformation Winners:

**1st Place:** Dulce Rivas

**2nd Place:** Roger Stofferahn

**3rd Place:** Tony Stephen



The toilet giveaway continues through the rest of the summer. Like us on

Facebook to enter!

[Facebook.com/](https://www.facebook.com/MonteVistaWaterDistrict)

[MonteVistaWaterDistrict](https://www.MonteVistaWaterDistrict.org)



## High Efficiency Toilet Giveaway Winners

**Stella Montoya, Stella Mejia, Elsy Noemy**



## Indoor/Outdoor High Efficiency Upgrade Winners

**Jose Siaba, Veronica Sanchez, Maria Gonzalez, Dale Hackney, Eliceo Cortez**

# FREE

## Irrigation Upgrade Programs

MVWD has **FREE** programs for residents looking to upgrade their irrigation system:

### Residential Sprinkler Nozzle Retrofit Program



- ◆ Detailed evaluation of irrigation system
- ◆ Free high efficiency nozzles + installation
- ◆ To sign up, call 909.657.4414

### Residential Landscape Controller Upgrade Programs

- ◆ Will evaluate and retrofit irrigation system with weather-based irrigation controller/nozzles
- ◆ Customers must have an existing, working irrigation system in place
- ◆ To sign up, call 909.267.2130



### Additional Free Programs and Resources

- ◆ Landscape Irrigation Evaluation – Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909.626.2711
- ◆ Mulch and compost – Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909.626.2711

## Recommended Watering Schedule

Summer (July - September)		
TUE	THU	SAT
<b>First Cycle</b> 5 a.m.	<b>First Cycle</b> 5 a.m.	<b>First Cycle</b> 5 a.m.
<b>7 mins</b>	<b>7 mins</b>	<b>7 mins</b>
<b>Second Cycle</b> 6 a.m.	<b>Second Cycle</b> 6 a.m.	<b>Second Cycle</b> 6 a.m.
<b>7 mins</b>	<b>7 mins</b>	<b>7 mins</b>
Fall (October - December)		
TUE	THU	SAT
5 a.m.	5 a.m.	5 a.m.
<b>6 mins</b>	<b>6 mins</b>	<b>6 mins</b>

Watch for signs of plant stress, especially during extreme heat, and water by hand as needed for plant health.



## Regional Turf Removal Rebate Available Now

**The turf removal rebate has returned!** Residential customers are eligible for a \$2.50 per sq.ft. rebate while commercial, industrial and institutional customers are eligible for a \$2.00 per sq. ft. rebate.

**FUNDS ARE LIMITED** and will be disbursed on a first-come, first-served basis. Visit [socialwatersmart.com](http://socialwatersmart.com) for eligibility criteria and to apply.

### Other Rebates Available

**High Efficiency Washing Machines** - \$160/unit  
**Premium High Efficiency Toilets** - \$100/toilet  
 Additional rebates available. Visit [socialwatersmart.com](http://socialwatersmart.com).

### Landscape Design Program

**Thinking about taking advantage of the turf removal rebate? Here is your first step.**

Through a partnership with Chino Basin Water Conservation District, we can help you design a low water, have-it-all garden that works for your lifestyle and budget. Program includes:

- ◆ Free landscaping, rendering, and plant list
- ◆ Expert consultants work with you to craft your unique vision for your space
- ◆ No cost service with a \$50 deposit, refunded upon completion of your project within six months of participation

To book your appointment, call 909.626.2711 or visit [www.cbwcd.org/design](http://www.cbwcd.org/design) for more information.

## OUR MISSION:

*“To provide high quality water service while ensuring fiscal responsibility, ethical conduct and environmental stewardship.”*

### Monte Vista Water District

10575 Central Avenue  
 P.O. Box 71  
 Montclair, CA 91763  
 909-624-0035

[www.mvwd.org](http://www.mvwd.org)

### BUSINESS HOURS

**Monday through Thursday:** 7:30 a.m. – 5:30 p.m.

**Friday:** 8 a.m. – 5 p.m.

Regular public meetings of the Board of Directors are held on the second and fourth Wednesday of each month at 6:30 p.m. at the District.

### Monte Vista Water District Board of Directors

Sandra S. Rose, *President*  
 Philip L. Erwin, *Vice President*  
 Tony Lopez, *Director/Board Auditor*  
 G. Michael Milhiser, *Director*  
 Manny Martinez, *Director*



Mark N. Kinsey, *General Manager*

*Este informe contiene información importante. Si usted desea obtener información en español, visítenos en [www.mvwd.org](http://www.mvwd.org) y seleccione “En Español.”*



*Dedicated to Quality, Service and Innovation*



[www.MVWD.org](http://www.MVWD.org)  
(909) 624-0035

## Attention Customers!

Monte Vista Water District's Annual Water Quality Report is now available online.

To read the report, visit [www.report.mvwd.org](http://www.report.mvwd.org)

*This report contains important information about the source and quality of your drinking water. If you would like a paper copy mailed to your home, please call (909) 624-0035. For more information about your water supply, visit [www.mvwd.org](http://www.mvwd.org) and click "Your Water."*

## ¡Atención Clientes!

El Reporte Anual de Calidad de Agua de Monte Vista Water District ya está disponible electrónicamente.

Para leer el reporte, visite [www.reporte.mvwd.org](http://www.reporte.mvwd.org)

*Este reporte contiene información importante acerca del origen y la calidad de su agua potable. Si desea una copia por correo, favor de llamar al (909) 624-0035. Para más información sobre sus fuentes del suministro de agua, visite [www.mvwd.org](http://www.mvwd.org) y haga clic en "Your Water."*

# WATER YOU DOING...



## What are you doing to make the most of your loads?

Can you believe that waiting to run the dishwasher and washing machine until they are full will actually lighten your load? It's true - when it comes to saving money on your monthly bill, going big is better. Super-size savings by wearing your clothes more than once between washes and scrape your plates clean instead of the usual pre-rinse. Want more? Check out our District rebates when you replace old appliances with water-efficient models.

Learn More Water Saving Tips at:  
[MVWD.org](http://MVWD.org)

Years of Service  
**90** Monte Vista  
Water District  
Since 1927



Since 1927

### **MVWD Customer,**

The address to remit payments to the District via standard mail has changed and is now reflected in the remittance coupon on your billing statement. To avoid your payment being returned as undeliverable, please update your records and online bill paying services with the new payment return address.

### **PLEASE REMIT PAYMENTS VIA U.S. MAIL TO THE FOLLOWING PAYMENT ADDRESS:**

Monte Vista Water District  
PO BOX 50000  
Ontario, CA 91761-1077

Questions? Call 909.624.0035.

### **Estimado Cliente de MVWD,**

La dirección para remitir los pagos al Distrito a través del correo estándar ha cambiado y está reflejada en el cupón de envío en su factura. Actualice sus registros con la nueva dirección para evitar que se le regresen los pagos. Si tiene información de pago almacenada en servicios de pago con su banco, asegúrese de actualizar su información para reflejar la nueva dirección de pago del Distrito.

### **POR FAVOR HAGA PAGOS POR CORREO A LA SIGUIENTE DIRECCIÓN:**

Monte Vista Water District  
PO BOX 50000  
Ontario, CA 91761-1077

¿Preguntas? Llame al 909.624.0035.

# Take advantage of these FREE water saving programs available to you!

## MVWD Programs

- **Free Sprinkler Nozzles with Installation**

- Detailed evaluation of irrigation system
- Free high efficiency nozzles + installation
- Call 909.657.4414



- **Residential Small Site Landscape Controller Upgrade Program**

- Will evaluate and retrofit existing irrigation system with weather based irrigation controller / nozzles
- Customers must attend one mandatory workshop to participate
- To sign up, visit [www.mvwd.org](http://www.mvwd.org) or call 909.267.2130



- **Regional Residential Landscape Survey and Retrofit Program**

- Will evaluate and retrofit existing irrigation system with weather based irrigation controller / nozzles
- To sign up, visit [www.mvwd.org](http://www.mvwd.org) or call 909.267.2130

## Chino Basin Water Conservation District Programs

- Free mulch (every first and third Saturday of the month)
- Irrigation System Evaluation
- Residential Landscape Design Assistance Program

Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909.626.2711 for more information



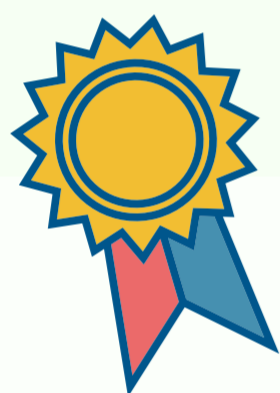




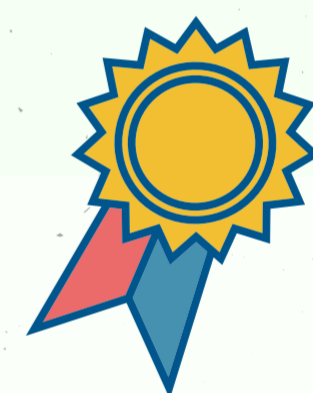
# Customer Recognition Program

**We're celebrating our 90th Anniversary, and you're invited!**

The District is recognizing standout residential and commercial customers who have made water use efficiency a lifestyle! Categories include:



**Outstanding Efficient Water User**



**Most Improved Water User**

**Landscape Transformation**

**Winners will receive:**

**\$200 Visa Gift Card  
1st Place**

**\$150 Visa Gift Card  
2nd Place**

**\$100 Visa Gift Card  
3rd Place**

To enter the contest, simply fill out a short entry form in the District's front lobby, or online at [www.mvwd.org/entertowin](http://www.mvwd.org/entertowin).

**\*Entries due no later than March 12\***



Since 1927



# FREE WORKSHOP LEAK DETECTION 101

March 15, 2018

5:30-7 P.M.

Chino Basin Water  
Conservation District  
4594 San Bernardino St.  
Montclair

Space is limited!  
Call (909) 267-2130  
to RSVP!

This hands-on class taught by a plumbing professional will include:

- Hands-on training on how to fix leaks
- Free leak detection and repair items
- Opportunity to sign up for free irrigation programs
- Door prizes, raffles, & giveaways
- Light dinner will be provided

\*MVWD customers only



Fix a Leak Week

EPA  
WaterSense



Since 1927



# Win a **FREE** Clothes Washer!

MVWD is  
celebrating its  
90th Anniversary-  
and you're  
invited!

- Enter for a chance to win a **FREE high-efficiency** clothes washer, installation included!
- Customers may enter the drawing by filling out an entry form in the front lobby or online at [mvwd.org/entertowin](http://mvwd.org/entertowin)
- ONE entry per account number
- \* Winner will be drawn December 6th



# FREE HIGH EFFICIENCY UPGRADE!

The District is giving away FIVE indoor/outdoor high efficiency system upgrades! Each winner will receive:

- High efficiency clothes washer or dish washer
- Up to 2 high efficiency toilets
- Up to 2 shower heads
- Aerators
- Up to 2 irrigation controllers
- Sprinkler nozzle upgrade

\*MVWD customers only

Visit the customer service lobby or the District website at [www.mvwd.org/entertowin](http://www.mvwd.org/entertowin) to enter the drawing.

**\*All entries must be submitted no later than May 30th!\***



Since 1927



Since 1927

# MVWD Turns 90!

Since 1927, Monte Vista Water District has served the community. This year marks the District's 90th year! To commemorate this milestone and show its appreciation for the customers that have made it possible, the District will kick off celebratory activities beginning this fall 2017 through summer 2018. Visit [MVWD.org](http://MVWD.org) and follow us on Facebook to stay up-to-date with the upcoming festivities including contests, giveaways, and more!

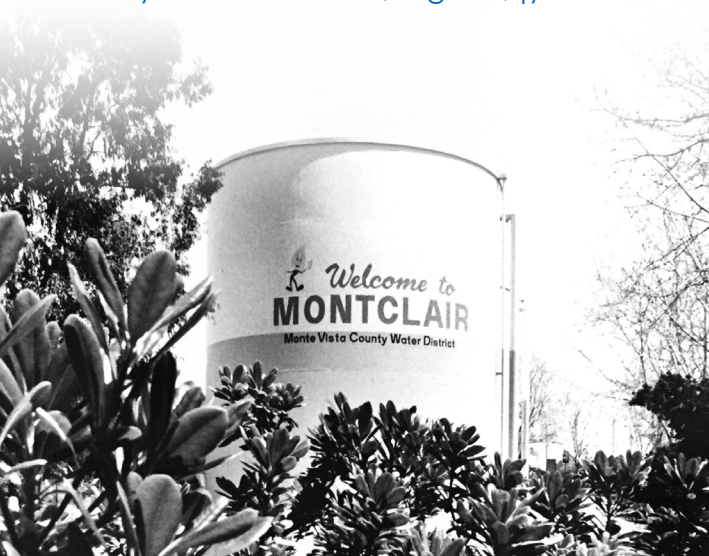




Since 1927

## ¡MVWD Cumple 90 Años!

Desde el año 1927, el Distrito de Agua de Monte Vista ha servido a la comunidad. ¡Este año celebramos nuestro noventa aniversario! Para conmemorar este hito y mostrar nuestro aprecio por los clientes que lo han hecho posible, el Distrito comenzará actividades de celebración a partir de este otoño del 2017 hasta el verano del 2018. Visite [MWVD.org](http://MWVD.org) y síganos en Facebook para estar al día con las próximas festividades incluyendo concursos, regalos, ¡y más!



# Free Water Saving Programs



## ✓ SPRINKLER NOZZLE INSTALLATION PROGRAM

- Detailed evaluation of irrigation system
- High efficiency nozzles, including installation
- Must have automatic irrigation system in place
- Call 909-657-4414

## ✓ 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



**WATER**  
**YOU Doing...**

**SIGN UP  
TODAY!**

**909-267-2130**

# Free Water Saving Programs



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**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 gratuita
- Debe tener sistema de riego automático en su lugar

## ✓ CONTROLADOR DE IRRIGACION "INTELIGENTE"

- Controlador de riego basado al clima, incluyendo 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



**¡AGUAS!**  
**¿QUÉ haces?**

**¡REGÍSTRESE  
HOY!**

**909-267-2130**

# Programas Gratuitos para Ahorrar Agua



## ✓ ROCIADORES DE ALTA EFICIENCIA

- Evaluación detallada de sistema de riego
- Instalación gratuita
- Debe tener sistema de riego automático en su lugar

## ✓ CONTROLADOR DE IRRIGACION "INTELIGENTE"

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- 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



**¡AGUAS!**  
**¿QUÉ haces?**

**¡REGÍSTRESE  
HOY!**

**909-267-2130**



# WATER YOU Doing...



## What are you doing to clean your driveway?

Although hosing might be easier, it's wasteful and can pollute our water.

By simply using a broom you will save  
up to 100 gallons of water in one  
clean sweep!



Learn More Water Saving Tips at:  
[MVWD.org](http://MVWD.org)

# ¡AGUAS! ¿QUÉ haces?



## ¿Qué Haces... para limpiar tu cochera?

*Aunque sea más fácil usar la manguera, se desperdicia mucha agua y puede contaminarla.*

*¡Con simplemente usar la escoba puedes ahorrar hasta 100 galones de agua con una sola barrida!*



**Aprenda Más Consejos Para Ahorrar Agua en:**  
**MVWD.org**

MVWD celebrates 90 years!

# Win a **FREE** High Efficiency Toilet!



Simply like us  
on Facebook to  
enter!

If you already  
follow our page,  
you will be  
automatically  
entered!

- The district is giving away one high efficiency toilet + installation each month through July 2018
- Drawing will take place at the end of each month and will be announced via Facebook
- Winner MUST be a MVWD customer
- Customers can only win once

Years of Service  
**90** Monte Vista  
Water District

Since 1927



# SAVE THE DATE!

## THE 11<sup>th</sup> ANNUAL FREE LANDSCAPE & WATER CONSERVATION FESTIVAL

OCT 21, 2017 | 9:00 AM - 2:00 PM

CHINO BASIN WATER CONSERVATION DISTRICT  
4594 SAN BERNARDINO ST. | MONTCLAIR, CA 91763

Family-friendly Entertainment | Mural Painting  
Kids Environmental Show | Drought Tolerant Plant Sale  
Landscape Workshops | Landscape and Irrigation Vendors  
**PLUS RAFFLES, GAMES, AND MORE FREE FAMILY FUN!**

**Monte Vista**

Water District

[www.MVWD.org](http://www.MVWD.org)

(909) 624-0035



LANDSCAPE & WATER  
CONSERVATION  
FESTIVAL

# ¡MARQUE LA FECHA!

# EL UNDÉCIMO FESTIVAL

## DE PAISAJE Y CONSERVACIÓN DE AGUA – GRATIS!

OCT 21 del 2017 | 9:00 AM - 2:00 PM  
Distrito de Conservación de Agua de Chino Basin  
4594 SAN BERNARDINO ST. | MONTCLAIR, CA 91763

Entretenimiento familiar | Shows para niños  
Ventas de plantas tolerantes a la sequía | Clases de jardinería  
**Rifas, juegos y más diversión para la familia!**

**Monte Vista**

Water District

[www.MVWD.org](http://www.MVWD.org)

(909) 624-0035



LANDSCAPE & WATER  
CONSERVATION  
FESTIVAL

# Contests, Giveaways and Drawings, Oh My!

We want to thank you for being a loyal customer, and what better way to do so than with an opportunity to win some giveaways!

## Enter to win a free toilet + installation!

We're giving away free high-efficiency toilets until July 2018! To enter the drawing, simply follow **Monte Vista Water District on Facebook**. One winner will be drawn once a month. Winner must be a district customer. Good luck!

## Customer Recognition Program

The district wants to recognize standout MVWD customers – **residential and commercial** – who have implemented water use efficiency practices in their home or business. Check out the award categories below and get your entry in by March 12. Submit your form on the district website or at the customer service lobby.

- ◆ **Most Improved Award** – Trend of decreased water usage since 2013
- ◆ **Outstanding Efficient Water User Award** – Usage consistently under budget allocation
- ◆ **Landscape Transformation Award** – Transformation from turf to low water use plants

### Winners will receive:

- ◆ \$200 Visa gift card – 1st place
- ◆ \$150 Visa gift card – 2nd place
- ◆ \$100 Visa gift card – 3rd place

For more information, visit [www.mvwd.org](http://www.mvwd.org) or call 909.267.2130.



## Keep your eyes peeled for yet another drawing taking place in May 2018!



The district is giving away **FIVE** indoor/outdoor high efficiency system upgrades! Each winner will receive:

- ◆ High efficiency clothes washer or dishwasher
- ◆ Up to 2 high efficiency toilets
- ◆ Up to 2 showerheads
- ◆ Aerators
- ◆ Up to 2 irrigation controllers
- ◆ Sprinkler nozzle upgrade

Visit the district website or customer service lobby May 15th-30th to enter the drawing. Good luck!

### And the clothes washer winner is...

Mr. and Mrs. Angeles of Montclair are the winners of our 90th Celebration clothes washer giveaway! Congratulations, Mr. and Mrs. Angeles, thank you for being MVWD customers!



# WINTER IS HERE

*Water less for healthier plants!*

Recommended watering schedule for winter:

TUE	THU
5 a.m.	5 a.m.
6 mins	6 mins

Times shown are for **spray heads**; double times for **rotor heads**. Adjust watering time based on weather and plant needs. *If it's raining, turn it off!*

### FREE water saving programs available to you!

- ◆ Irrigation System Evaluation – Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909.626.2711
- ◆ Free Sprinkler Nozzles with Installation – Visit [www.mvwd.org](http://www.mvwd.org) or call 909.657.4414 (*must have a working irrigation system to qualify*)
- ◆ Irrigation Survey and Retrofit Program – Visit [www.mvwd.org](http://www.mvwd.org) or call 909.267.2130
- ◆ Smart Irrigation Controller Upgrade Program – Visit [www.mvwd.org](http://www.mvwd.org) or call 909.267.2130
- ◆ Mulch (every first and third Saturday of the month) – Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909.626.2711



## Fix a Leak Week, March 19-23

Fix a Leak Week is around the corner! Stop by the customer service lobby the week of March 19-23 to receive a FREE giveaway and learn how you can fix household leaks.

## Join us for a 1-hour crash course on how to fix leaks!

### Workshop: Leak Detection 101

**Date, time and location:** March 15, 5:30-7 p.m.  
Chino Basin Water Conservation District  
4594 San Bernardino St., Montclair

The class will be taught by a plumbing professional and will include:

- ◆ Hands-on training on how to fix leaks
- ◆ Free leak detection and repair items
- ◆ Opportunity to sign up for free irrigation programs
- ◆ Door prizes, raffles, giveaways
- ◆ Light dinner will be provided

To RSVP, visit [www.mvwd.org](http://www.mvwd.org) or call 909.267.2130

*Space is limited!*

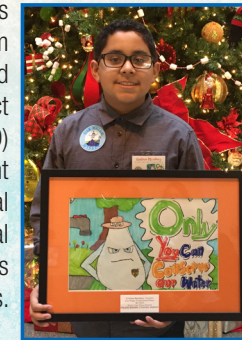


Be a  
Leak Detective  
for  
EPA WaterSense

## Fix a Leak Week

## Poster Contest Winner Gets Regional Recognition

MVWD is proud to announce that its 2017 "Water is Life" poster contest winner was selected as a regional winner from hundreds of entries submitted for Metropolitan Water District of Southern California's (MWD) contest. Cristian Martinez, student at Lyle Briggs Fundamental School, was honored at a special event in early December at MWD's headquarters in Los Angeles. Congratulations, Cristian!



# MONTE VISTA WATER DISTRICT CELEBRATES 90 YEARS!

On August 22, 2017, the district celebrated its 90th birthday! To commemorate this milestone and celebrate our customers who have made it possible, the agency is conducting celebratory activities through summer 2018 that include contests, giveaways and drawings.

Make sure to read through this newsletter to learn about all of the upcoming festivities and customer recognition opportunities available!

## MVWD Through the Years

1920s

Monte Vista Water District is declared duly incorporated.

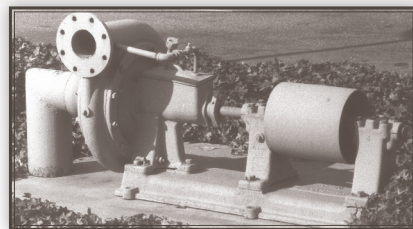
The first meeting of the Monte Vista County Water District Board of Directors is held.

The district constructs a 750,000 gallon reservoir with a total storage capacity of 1 million gallons. Total district storage capacity: 1 million gallons.



1930s

During the 1930s, the first office building is constructed. The district maintains just 324 service connections, with its supply solely dependent upon the Colorado River.



1940s

By the 1940s, Monte Vista establishes its own water supply, adding a 500,000 gallon reservoir and booster pump and expanded hours to five days a week to meet service needs.

First annexation: Homemakers Tract, from the City of Pomona.



1950s

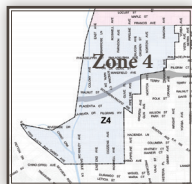
The district purchases Century Water Company, Del Monte Irrigation Company, and Palomares Irrigation Company. The acquisition includes several wells, property and a 500,000 gallon reservoir. Water supply now serves 8,000.

Just 7 employees are on the district payroll in 1954.

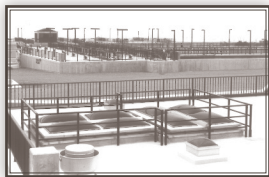


1980s

By the end of the 1980s, MVWD maintains approximately 8,734 connections, and has 16 reservoirs with a total capacity of 14,208,730 gallons. The "County" is omitted from the district's name, which now employs 27 people.



1989: LAFCO approves the annexation of a portion of San Bernardino County Waterworks #8 at the request of local residents.



Late 80s: Final agreements for the Water Facilities Authority were signed.



Doors to a new main office building open in 1981.

Plant 4 sees the demolition of two reservoirs in lieu of a new 1.67 million gallon steel reservoir (for \$253,555).



1970s

In the 1970s, MVWD's first water conservation program is initiated.



1960s

Purchased a reconditioned automatic addressograph machine and a National Cash Register Utility Billing machine.

Four new reservoirs constructed.



1990s

Hydrogeneration facility on Arrow is given permission to operate by Southern California Edison.

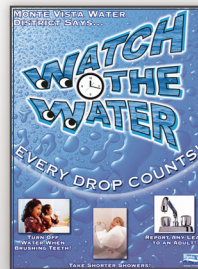
MVWD reached its peak demand during the 1990s at 14 million gallons per day. Drought conditions reduced surface water deliveries to 10 percent of the previous year's deliveries. Groundwater supplies proved adequate to meet demand.

1998: Long-term wholesale water agreement is signed by MVWD and the City of Chino Hills for up to 22.2 MGD.



To plan for the future, the Facilities Master Plan and Financial Master Plan are developed for a 30-year capital improvement program and the upgrade of information systems and water system telemetry.

The district purchases Monte Vista Irrigation Company.



2000s

MVWD launches a series of water use efficiency initiatives including Ordinances 32 and 33, establishing conservation best practices during a shortage as well as year round water use guidelines. "Watch the Water," a water conservation awareness campaign, is launched in 2007 to educate customers about significant water supply challenges.

2009: A new rate model – budget-based tiered rates – is established to incentivize efficient water use while equitably allocating water supply costs and balancing revenue needs.



A Strategic Plan that includes a revised mission statement, a new vision statement, core values and strategic goals is developed and implemented.

Various infrastructure projects and upgrades take place, including groundwater storage and a production program created to increase groundwater production to more than 10 MGD.

2010s

Water use efficiency programming proves successful. Residents lower their daily water consumption, responding to the need to use water efficiently.



### OUR MISSION:

*"To provide high quality water service while ensuring fiscal responsibility, ethical conduct and environmental stewardship."*

### Monte Vista Water District

10575 Central Avenue  
P.O. Box 71  
Montclair, CA 91763  
909-624-0035

[www.mvwd.org](http://www.mvwd.org)

### BUSINESS HOURS

**Monday through Thursday:** 7:30 a.m. – 5:30 p.m.

**Friday:** 8 a.m. – 5 p.m.

Regular public meetings of the Board of Directors are held on the second and fourth Wednesday of each month at 6:30 p.m. at the District.

### Monte Vista Water District

#### Board of Directors

Sandra S. Rose, *President*  
Philip L. Erwin, *Vice President*  
Tony Lopez, *Director/Board Auditor*  
G. Michael Milhiser, *Director*  
Manny Martinez, *Director*



Mark N. Kinsey, *General Manager*

*Este informe contiene información importante. Si usted desea obtener información en español, visítenos en [www.mvwd.org](http://www.mvwd.org) y seleccione "En Español."*



Since 1927

***IEUA Member Agency Public Outreach &  
Educational Materials***

***FY 2017-2018***

***City of Upland***





The City of Upland Public Works Department and the Recreation and Community Services Division invite you to ...

# Earth Friendly Day

**Saturday, October 14th 9:00 a.m. - 2:00 p.m.**

**City Yard, 1370 N. Benson Avenue, Upland**

*FREE hot dogs, chips, and a beverage to the first 150 attendees!*

- Mulch Distribution– Must bring own 35 gallon or smaller container
- Recycled Products from Upland Sprouts Farmer's Market
- FREE Activities for Kids Provided by Lakeshore
- Shredding by Paper Recycling and Shredding Specialists.

(Households only. No businesses)

- Upland CERT– Fire Extinguisher Demonstration
- Rain Barrel Raffle
- Oil Recycling and Water Conservation Tips
- Sustainable Gardening
- E-waste Collection
- FREE Eco Friendly Give-a-Ways
- Upland Beverage Recycling Program
- FREE Oil Recycle and Sharps Containers

For a list website for acceptable items for HHW, please visit:

[https://www.ci.upland.ca.us/  
#Household\\_Hazardous\\_Waste](https://www.ci.upland.ca.us/#Household_Hazardous_Waste)

For more information regarding this event, please contact the

Recreation and Community Services Division  
at (909) 931-4280.



# Upland Public Works Day



In honor of **National Public Works Week** the Public Works Department will be opening its doors to the Public! This **FREE** event will feature informational booths highlighting water utilities, water conservation, solid waste collection, sewer, streets, parks, trees, and storm water protection that show how Public Works contributes to Upland's health, safety and quality of life for a gracious living.

**Saturday, May 19, 2018 | 9:00am-1:00pm | 1370 N. Benson Ave.**

**FREE LUNCH:** Staff will be grilling  
**Hamburgers & hotdogs**

[First 150 attendees]

**Paper Shredding**

[Residential only: 5 boxes per person]

**Heavy Equipment Displays**

**Mulch Giveaway**

[Self serve: max. 35 gallons per person]

**Sewer Line Camera Inspection Video Demo**

**Career Booth**

[Find out what it takes to work for our team]

**Educational Kids Activities**

**Enter Raffle to Win Prizes:**  
toilets, fruit trees, rain barrel, gift bags, and more!



**For more information, call (909) 291-2935 or [www.ci.upland.ca.us](http://www.ci.upland.ca.us)**

# Rainwater Harvesting Workshop

**Saturday, January 20, 2018**

**9:00 a.m. – 11:00 a.m.**

**Carnegie Building: 123 E. D St. Upland, CA 91786**

**Did you know every time it rains 1 inch you can collect almost 600 gallons of rain water for every 1000 square feet of rooftop. For an average 2,500 square feet residential rooftop, you can collect 1500 gallons of water for every inch of rainfall.**

**Please join us! We will be discussing the importance of rainwater harvesting, the benefits of rain barrels, how to install a rain barrel, how to apply for the rain barrel rebate, and water conservation tips. Attendance is free and open to the public, although reservations are required. For more information or to register for this workshop, call (909) 291-2935.**



**This free, three-hour workshop is offered through a partnership between City of Upland and Inland Empire Utilities Agency.**





# FREE Smart Irrigation Timer Workshop

**Saturday, July 21, 2018**  
**10:00 a.m. - 11:30 a.m.**  
**Carnegie Library**  
**123 E. D Street**  
**Upland, CA 91786**

**Qualify for a FREE Irrigation Timer upgrade with installation**

- FREE landscape evaluation to qualify
- FREE Smart Irrigation Timer
- FREE installation
- Must attend workshop
- Must have Irrigated area: min. 500 sq. ft. to max. 10,000 sq. ft.

**Approximately 70% of an Upland household water usage goes to landscape.**



Please email: [MMadriz@ci.Upland.ca.us](mailto:MMadriz@ci.Upland.ca.us)  
or call: (909) 291-2935 to reserve your space and to see if you qualify.



Prepared by:  
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Christopher Garcia, Intern