

# Regional Water Use Efficiency Programs Report FY 2016/2017



*Inland Empire Utilities Agency*

A MUNICIPAL WATER DISTRICT



*Inland Empire Utilities Agency's Member Agencies:*



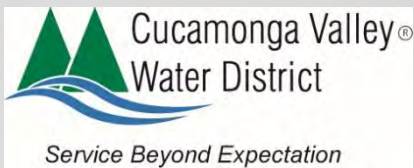
City of Chino



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 2016/2017**

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**Preface**  
**Regional Water Use Efficiency Programs**  
**Annual Report**  
**FY 2016-2017**

Beginning in FY 2000/2001, and after the adoption of Inland Empire Utilities Agency's (IEUA) 2000 Urban Water Management Plan, IEUA in partnership with its member agencies established a regional goal and began planning and investing in local water conservation and water use efficiency (WUE) initiatives and actions. Since that time, direct financial investments grew from \$85,000 to over \$1,000,000, annually. Along with those investments, numerous accomplishments were achieved and millions of dollars contributed to the programs through the ability to leverage external funding opportunities whenever possible.

IEUA works closely with member retail agencies to design and implement WUE measures based on established goals and objectives. This has led to the region's success in exceeding water savings goals with lower than anticipated costs. The numerous accomplishments achieved over the past 17 years have been the result of the strong partnership between IEUA and the members who work collaboratively and proactively to implement strategies that create a foundation for future WUE efforts. Since 2010, State initiatives have mandated increased conservation, enhanced efficiency, technological improvements that increase water savings potential, and advancements in methods of communication that provide new opportunities to engage and educate the public.

In June 2016, IEUA completed an update of the 2010 Regional Water Use Efficiency Business Plan (Plan) by transforming the regional objective from deploying traditional WUE efforts to utilizing more sophisticated and effective strategies. The objective of the updated Plan is to deliver a prolonged, increased level of water efficiency by identifying inefficient water users through technology-based software, data gathering, analytics, and GIS mapping. In addition, the Plan also identifies another core component of increased water savings and sustained demand reduction through the adoption of conservation-based rate structures. The five-year Plan establishes a water savings goal of 16,095 acre-feet from newly deployed programs without the adoption of conservation-based rate structures and 33,554 acre-feet with two agencies adopting rate structures by 2021.

Each year, IEUA prepares a comprehensive WUE report that captures all activities that occurred during the prior fiscal year. This report tracks the progress that has been made toward goals and objectives outlined in IEUA's Regional WUE Business Plan. Member agencies receive a regional WUE summary perspective as well as service area specific data and activity that provides the foundation for regulatory compliance with State WUE statutes. Moreover, the report serves as a benchmark for assessing and evaluating overall program performances for planning existing and future programs.

The Agency currently offers a suite of WUE programs that are designed to positively impact individual long-term behavior regarding efficient water use. Over the last fiscal year, there were approximately 24,170 water saving technologies/services deployed throughout the service area and includes some of the following:

- ✓ Residential and Commercial Turf Removal
- ✓ Landscape Installation and Retrofit Programs

- ✓ Freesprinklernozzles.com Voucher Program
- ✓ Landscape Evaluations and Consultations
- ✓ Residential Pressure Regulation Program
- ✓ Residential and Commercial Rebates
- ✓ Technology-Based Software Program
- ✓ Regional Member Agency Aerial Mapping Program
- ✓ Funding support for Member Agency Locally Implemented Programs
- ✓ Funding support for development of Sustainable Water Rate Structures

The water savings achieved through these regional WUE activities is approximately 427 acre-feet per year, with an estimated lifetime savings of 4,676 acre-feet. This new water savings is in addition to IEUA's cumulative lifetime water savings of 138,613 acre-feet for all water efficiency activities since 1992.

Over the last year, the cities of Chino and Chino Hills, and Cucamonga Valley Water District conducted rate studies funded through IEUA and the Santa Ana Watershed Project Authority's Proposition 84 – Drought Assistance Grant. An agency adopting a conservation-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 per year if two agencies implemented a conservation-based rate structure. This is in addition to IEUA's regional core programming. If all three agencies elect to implement the new rate structure, collectively the region could see an estimated annual water savings of up to 40,050 acre-feet.

Policies and practices are shaped largely by core strategies and programs designed to meet regulatory requirements of the following initiatives:

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

Sustained reduction in water use, as mandated by state legislation, will be met through IEUA's member agency regional partnership and IEUA's continued commitment to implement innovative WUE programs that create market transformations. Many of these programs have been made possible through funding partnerships with local 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,



P. Joseph Grindstaff

General Manager

Inland Empire Utilities Agency



**Highlights**  
**Inland Empire Utilities Agency (IEUA)**  
**Regional Water Use Efficiency Programs Report**  
**July 1, 2016 – June 30, 2017**

**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 higher customer participation. Over the last fiscal year, there were approximately 9,465 rebates issued through this program, with an estimated annual water savings of 176 acre-feet and a total savings of 2,600 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 2016-2017, there were 163 retrofits/upgrades completed that included the installation of 239 weather based irrigation controllers and 2,124 high efficiency sprinkler nozzles representing an estimated water savings of 19 acre-feet per year and 146 acre-feet over the life of the devices. Since program inception, a total of 1,475 site retrofits were completed with annual water savings from device upgrades representing a cumulative total of 890 acre-feet per year and a lifetime savings of 7,642 acre-feet.
- **IEUA Residential Education, Survey, and Controller Upgrade Program** focuses on the high-water user demographic within the small residential landscape sector, where a rebate alone would not persuade the customer to make a change. 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 surveys, and smart controller technology upgrades.
- **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 water conservation efforts beyond installation of the device. The program, launched in June 2016, serviced 161 sites in FY 16/17 with an estimated savings of 13 acre-feet and lifetime savings of 130 acre-feet. The program is projected to replace up to 500 PRVs over the next fiscal year throughout IEUA's service with projected annual savings of 30 acre-feet per year and lifetime savings of 3,000 acre-feet over the life of the device.

- **FreeSprinklerNozzles.com Voucher Program RES** initially launched in April 2011, this online program enables resident 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 2016-2017, there were 101 residential vouchers redeemed representing 2,948 nozzles. The estimated annual water savings represents 13 acre-feet with a savings of 65 acre-feet over the life of the devices. Since program inception, a total of 2,132 vouchers have been redeemed by residents representing 58,065 nozzles through local authorized distributors throughout the Agency's service area. The total estimated water savings from the installed devices represents 237 acre-feet per year with a lifetime savings of 1,185 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 7,141 rebates issued over the last fiscal year with an estimated annual water savings of 129 acre-feet per year and a total savings of 1,320 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 2016-2017 there were 2 CII vouchers redeemed representing 4,090 nozzles. Since program inception, a total of 313 vouchers have been redeemed representing 103,485 nozzles through local authorized distributors throughout the Agency's service area. The total estimated water savings from the installed devices represents 414 acre-feet per year with a lifetime savings of 2,070 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 49 landscape evaluations were completed over the last fiscal year, yielding a potential water savings of 58 acre-feet per year and a life-time water savings of 270 acre-feet if all report recommendations are implemented by the participants. Of the total completed audits, 42 were single family homes and 7 were commercial sites, representing a total irrigated landscaped area of 54 acres.
- **IEUA's Member Agency Administered Program** launched in FY 16/17, 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 three projects submitted and approved for funding and included a residential parkway turf removal rebate, a high efficiency nozzle installation project for commercial, industrial, and institutional customers, and a public-sector turf removal project.
- **Technology Based Software** Data analytics provide 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, in conjunction with the Governor's Drought Declarations, IEUA contracted with Omni-Earth to build 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) targets, 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 fair treatment for customers based on their need. Over the last year, Cucamonga Valley Water District, and the cities of Chino and Chino Hills have conducted rate studies to evaluate the feasibility of implementing a conservation-based rate structure within their respective service areas. Studies were co-funded through a 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.

- **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 19 courses held throughout IEUA's service area with participants attending workshops held by Cucamonga Valley Water District, Monte Vista Water District, Fontana Water Company, and the cities of Chino Hills, Ontario and 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. The WSGF Team is in the process of developing a new online Plant Database that will be specific to the entire Inland Empire Region. It will include Garden Tours, a Garden Gallery, Plant Database, search engine for plants, problem solving plant lists, plant and garden information report printouts, a garden resources section, and water conservation tips. WSGF continues its public-private partnership with Home Depot who host annual plant sale events throughout the Inland Empire to showcase water-wise plant options for landscapes.
- **Garden in Every School® (GIES) Program** Each year, the GIES Program awards a \$4,500 grant per school for up to four schools for the establishment of a new water-wise garden throughout IEUA's service area. Every third year, a \$1,000 mini-grant is offered to participating schools to support the sustainability of existing gardens. During FY 2016-17, IEUA awarded four grants for new gardens to Arroyo Elementary (Ontario), Montclair High School (Montclair), Rolling Ridge Elementary (Chino Hills), and Townsend Junior High School (Chino Hills). On March 2, 2017, IEUA staff hosted a Project WET and Garden in Every School® Mini-Grant Workshop for those schools with existing water-wise gardens established by the GIES Program who were interested in applying for the \$1,000 mini-grant opportunity. IEUA created a GIES blog for educators, parents, and community members to follow the development of the gardens, acquire gardening tips, curriculum tips and water savings tips at [ieuagies.blogspot.com](http://ieuagies.blogspot.com).
- **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 51 elementary schools throughout the IEUA service area, conducted 92 shows reaching 22,772 students and 958 teachers.
- **Shows That Teach** H2O, Where Did You Go?" is a fun K-6 appropriate, theatrical-style production, 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, STT conducted 36 performances to elementary schools in the cities of Chino, Chino Hills, Ontario, Cucamonga Valley Water District, Fontana Water Company, Upland, and Monte Vista Water District.

- **Water Discovery Field Trip Program** IEUA continues to provide free educational field trips 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 elementary 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 2016-17, 2,547 Girl Scout troop members, elementary and high school students took part in the Water Discovery field trip.



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 elementary 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 2016-17, 2,547 Girl Scout troop members, elementary and high school students took part in the Water Discovery field trip.

- **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. In partnership with its member agencies, 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

- **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 GM Joe Grindstaff received a leadership award.
- **IEUA's Social Media Outreach** continues to offer updates via Facebook, YouTube, Twitter, an educational blog, and Chino Creek Park blog to outreach and provide up-to-the-minute information on events, news, education programs, drought updates, and water-wise tips and facts, including "Water Tip Tuesdays" and "Wildlife Wednesdays." 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 1,400 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: Erin Caballero (5<sup>th</sup> grade-Cal Aero Preserve Academy-- Chino) and Arianna Perez (8<sup>th</sup> grade- Upland Junior High School-Upland). The winners were recognized at MWD's awards ceremony in November 2016 and their artwork was featured in the 2017 "Water is Life" calendar.
- **The Solar Cup Competition** was held on May 19-21<sup>st</sup>, 2017 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. This year, IEUA co-sponsored four local high school teams: Chino High School (city of Chino), Chino Hills High School (city of Chino Hills), Henry J. Kaiser High School (city of Fontana), and Los Osos High School (city of Rancho Cucamonga). The 2017 MWD Solar Cup competition was a successful event for IEUA sponsored schools. Out of 41 teams that competed, Los Osos HS received eighth place overall and received the Teamwork Award for assisting another team with their equipment and offering advice. Chino Hills HS placed 16<sup>th</sup> overall. Chino HS placed 18<sup>th</sup> overall. Henry J. Kaiser High School placed 41<sup>st</sup> overall. The teams showed dedication and initiative and earned great recognition.
- **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 opportunities to educators, and sponsoring an annual water conservation video contest.
- **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 FY16/17 52 water softeners have been removed and customers have received \$26,578.52 in incentives. Over the course of the program, 823 water softeners have been removed and \$494,911.03 in incentives has been paid to program participants. The removal of these devices will save approximately 15.659 acre-feet of water per year in addition to the removal of more than 190.113 tons of salt.

## IEUA MEMBER AGENCY CONTACT LIST



### **Inland Empire Utilities Agency**

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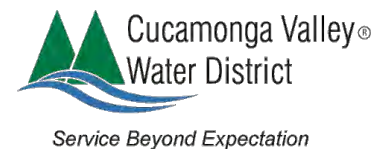


### **City of Upland**

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**INLAND EMPIRE UTILITIES AGENCY**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**



## 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/CBWCD 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 2016/17

Activity	Metric	FY 2016-2017 Goal	FY 2016-2017 Actual	Variance
<b>SoCal WaterSmart Residential Rebates</b>				
High Efficiency Toilets (HET)	Devices	2,850	3,444	594
High Efficiency Clothes Washers (HECW)	Devices	500	690	190
Rotating Nozzles for Pop-up Spray Heads	Devices	4,500	4,555	55
Weather based Irrigation Controllers (WBIC)	Devices	50	334	284
Turf Removal	Sq. Ft.	1.5 m	255,091	-1,244,909
Rain Barrels	Devices	50	275	225
Cisterns	Devices	0	1	1
Soil Moisture Sensor Systems	Devices	0	0	0
<b>IEUA Locally Implemented Residential Programs</b>				
FreeSprinklerNozzles.com Program	Devices	25,000	2,948	-22,052
Residential Landscape Retrofit Program	Sites	200	163	-37
Res Education, Survey, and Controller Upgrade Program	Sites	0	153	153
Residential Pressure Regulation Program	Devices	0	161	161
<b>SoCal WaterSmart Commercial Rebates</b>				
High Efficiency Toilets (HET)	Devices	500	611	111
Waterless Urinals	Devices	0	0	0
Cooling Tower Controller	Devices	10	2	-8
Weather Based Irrigation Controllers (WBIC)	Devices	100	139	39
Rotating Nozzles for Pop-up Spray Heads	Devices	6250	5,175	-1,075
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.	1.5m	637,916	-862,084
Soil Moisture Sensor Systems	Devices	0	0	0
Plumbing Flow Control	Devices	0	1,191	1,191
ULFV	Devices	5	0	-5
<b>IEUA Locally Implemented Commercial Programs</b>				
FreeSprinklerNozzles.com Program	Devices	25,000	4,090	-20,910



## CBWCD - Landscape Evaluation Program Performance

### 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>

### 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>

## CBWCD - Landscape Evaluation Program Performance

### 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>

### 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>

## CBWCD - Landscape Evaluation Program Performance

### 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>

### 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>

## CBWCD - Landscape Evaluation Program Performance

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 2016/17

Member Agency	Class Description	# of Classes
FY 16-17		
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
<b>FY 14-15</b>		
Cucamonga Valley Water District	Prep and Design Water-Wise Plants Mini Workshops Efficient Irrigation, Pruning, and Maintenance Water Efficient Plants Mini Class Water Efficient Irrigation Systems Irrigation Basics	12
City of Chino Hills	Efficient Irrigation, Pruning, and Maintenance	1
City of Ontario	Compositing, Mulch, & Trouble Spots Mini Class Water-Wise Basics Prep and Design	4
Fontana Water Company	Compositing, Mulch, & Trouble Spots Maintaining, Pruning & Pest Management Water Efficient Plants Landscape Design Basics	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
FY 12-13		
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	3
<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 2002-2017

<b>Program</b>	<b># Schools</b>	<b># Students</b>	<b># Teachers</b>	<b>Funding</b>
<b>FY 16-17</b>				
National Theatre for Children	51	22,772	958	\$ 53,040
Garden In Every School	4	4,896	33	\$ 18,000
Shows That Teach	18	10,206	410	\$ 14,895
<b>FY 15-16</b>				
National Theatre for Children	50	26,896	1,094	\$ 54,000
Garden In Every School	*6	5,640	209	\$ 40,137
Shows That Teach	16	8,704	363	\$ 15,100
<b>FY 14-15</b>				
National Theatre for Children	51	26,680	1,117	\$ 54,000
Garden In Every School	3	850	22	\$ 15,348
Shows That Teach	13	4,685	203	\$ 9,675
<b>FY 13-14</b>				
National Theatre for Children	53	25,119	839	\$ 53,800
Garden In Every School	*23	16,500	50	\$ 16,237
<b>FY 12-13</b>				
National Theatre for Children	54	28,350	1,140	\$ 51,100
Garden In Every School	4	11,008	167	\$ 30,000
<b>FY 11-12</b>				
National Theatre for Children	52	23,538	929	\$ 51,100
Garden In Every School	4	7,672	297	\$ 30,000
Demonstration Garden (IEUA)	4	150	7	\$ 2,000
<b>FY 10-11</b>				
National Theatre for Children	52	24,344	948	\$ 51,100
Garden In Every School	4	5,426	208	\$ 25,240
Demonstration Garden (IEUA)	4	150	7	\$ 7,000
<b>FY 09-10</b>				
National Theatre for Children	50	22,686	959	\$ 48,700
Garden In Every School	4	3,142	145	\$ 12,000
Demonstration Garden (IEUA)				\$ 7,000
<b>FY 08-09</b>				
National Theatre for Children	50	51,285	939	\$ 46,400
Garden In Every School	6	2,969	158	\$ 27,000
<b>FY 07-08</b>				
National Theatre for Children	50	22,645	718	\$ 44,178
Garden In Every School	6	2,070	112	\$ 49,468
<b>FY 06-07</b>				
National Theatre for Children	50	20,190	608	\$ 43,100
Garden In Every School	7	1,781	42	\$ 34,098
<b>FY 05-06</b>				
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
<b>FY 04-05</b>				
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
<b>FY 03-04</b>				
Think Magic! It's Earth	18	7,929	349	\$ 39,053
IEUA PDA Classes	0	0	0	\$ -
<b>FY 02-03</b>				
Think Magic! It's Earth	17	8,359	374	\$ 33,802
IEUA PDA Classes	0	0	0	\$ -
<b>TOTAL</b>	<b>670</b>	<b>363,474</b>	<b>12,340</b>	<b>\$ 951,534</b>

## BMP Support Grant Summary

<b>FY 16-17</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

<b>FY 15-16</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

<b>FY 14-15</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>



## BMP Support Grant Summary

<b>FY 13-14</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

<b>FY 12-13</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

<b>FY 11-12</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

## BMP Support Grant Summary

<b>FY 10-11</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

<b>FY 09-10</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

<b>FY 08-09</b>	
<b>Retail Agency</b>	<b>Amount</b>
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>

## BMP Support Grant Summary

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 2016-2017**



## 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	\$4,963	\$0	\$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>\$4,963</b>	<b>\$300</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>\$5,473</b>	<b>\$5,766</b>	<b>\$211,111</b>	<b>\$222,350</b>	

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



## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal WaterSmart 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 WaterSmart 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>	

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

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

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

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



## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

## City of Chino IEUA Regional Conservation Programs Annual Report

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

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

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



## 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 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	5	9	2,706	113
<i>Shows That Teach</i>	2	4	1,050	47

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

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	4	0

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>\$4,000</b>

City of Chino  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>
<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>

City of Chino (cont.)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<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>2002-2017 Totals</b>	<b>49</b>	<b>21814</b>	<b>894</b>	<b>\$ 80,946.18</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	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	Flores, Jolynn	1	Chino		0.07	136	86	0.11	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Gonzaga, Natalie	1	Chino	59%	0.03	132	49	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Cyndi Watson	1	Chino	N/A	0.04	245	185	0.03	Repair all leaks that are shown in the report. Upgrade irrigation system to achieve proper irrigation uniformity.
City of Chino	Annie 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 HILLS**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**



# 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 WaterSmart 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 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	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 WaterSmart 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 WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	14	193,911	1	12	\$0	\$0	\$2,030	\$2,030	4.7
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	38	4,024,865	12	124	\$0	\$0	\$15,050	\$15,050	1.7
Rotating Nozzles for Pop-up Spray Heads	800	1,147,168	4	18	\$0	\$0	\$3,200	\$3,200	1.3
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (286,701 Sq. Ft.)	14	12,146,661	37	373	\$0	\$224,981	\$570,402	\$795,383	29.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	544	709,158	2	11	\$0	\$1,243	\$1,088	\$2,331	1.5
<b>Subtotal</b>	<b>1,410</b>	<b>18,221,763</b>	<b>56</b>	<b>537</b>	<b>\$0</b>	<b>\$226,223</b>	<b>\$591,770</b>	<b>\$817,993</b>	
<b>TOTAL</b>	<b>2,392</b>	<b>38,497,809</b>	<b>118</b>	<b>1,306</b>	<b>\$6,354</b>	<b>\$239,195</b>	<b>\$858,031</b>	<b>\$1,103,581</b>	

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

## City of Chino Hills IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal WaterSmart 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 WaterSmart 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 WaterSmart 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 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
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 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)	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 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)	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>Grand Total</b>	<b>1,102</b>	<b>123,106,892</b>	<b>378</b>	<b>3,992</b>	<b>\$0</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 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	5	9	2,087	88
<i>Shows That Teach</i>	3	6	2,014	70

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	2	1,587	29

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	4	0

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

City of Chino Hills  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<b>FY 2016-17</b>				
National Theater for Children	5	2,087	88	\$ 5,200.00
Garden In Every School	2	1,587	29	\$ 9,000.00
Shows That Teach	4	2,634	96	\$ 2,335.00
<b>TOTAL</b>	<b>11</b>	<b>6,308</b>	<b>213</b>	<b>\$16,535.00</b>
<b>FY 2015-16</b>				
National Theater for Children	6	2,900	127	\$ 6,050.00
Garden In Every School	1	567	27	\$ 10,589.44
Shows That Teach	4	2,241	95	\$ 3,650.00
<b>TOTAL</b>	<b>11</b>	<b>5,708</b>	<b>249</b>	<b>\$ 20,289.44</b>
<b>FY 2014-15</b>				
National Theater for Children	8	3,706	151	\$ 8,120.00
Garden In Every School	1	350	9	\$ 4,500.00
Shows That Teach	3	950	35	\$ 2,175.00
<b>TOTAL</b>	<b>12</b>	<b>5,006</b>	<b>195</b>	<b>\$ 14,795.00</b>
<b>FY 2013-14</b>				
National Theater for Children	8	3,610	133	\$ 8,120.00
Garden In Every School	2	200	4	\$ 1,998.68
<b>TOTAL</b>	<b>10</b>	<b>3,810</b>	<b>137</b>	<b>\$ 10,118.68</b>
<b>FY 2012-13</b>				
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>
<b>FY 2009-10</b>				
National Theater for Children	6	2,798	118	\$ 5,844.00
Garden In Every School	N/A	N/A	N/A	
<b>TOTAL</b>	<b>6</b>	<b>2,798</b>	<b>118</b>	<b>\$ 5,844.00</b>



City of Chino Hills (cont)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<b>FY 2008-09</b>				
National Theater for Children	9	4,177	169	\$ 8,352.00
Garden In Every School	1	502	24	\$ 4,500.00
<b>TOTAL</b>	<b>10</b>	<b>4,679</b>	<b>193</b>	<b>\$ 12,852.00</b>
<b>FY 2007-08</b>				
National Theater for Children	8	4,352	140	\$ 8,216.00
Garden In Every School	1	300	14	\$ 7,776.00
<b>TOTAL</b>	<b>9</b>	<b>4,652</b>	<b>154</b>	<b>\$ 15,992.00</b>
<b>FY 2006-07</b>				
National Theater for Children	6	3,770	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>3,895</b>	<b>166</b>	<b>\$ 15,080.00</b>
<b>FY 2005-06</b>				
National Theater for Children	6	3,708	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>3,883</b>	<b>165</b>	<b>\$ 14,832.00</b>
<b>FY 2004-05</b>				
National Theater for Children	4	2,093	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>2,303</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>2002-2017 Totals</b>	<b>112</b>	<b>53,781</b>	<b>2,110</b>	<b>\$ 160,739.16</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	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	Linden, Dalia	1	Chino Hills	No Test	0.06	40	68	0.00	Separate planter and turf material, convert planters to drip, fix tilted and broken sprinklers, use correct nozzles, move sprinklers to improve coverage
City of Chino Hills	Lopez, Rene	1	Chino Hills	71%	0.10	84	127	0.00	add sprinklers in corners to reduce overspray, use VANs where needed, use sprinklers with a lower trajectory, adjust sprinklers to reduce runoff
City of Chino Hills	Cheryl Hernandez	1	Chino Hills	N/A	0.04	198	138	0.14	Make sure all the nozzles are matching in each irrigation zone. Adjust timer to recommended durations per the report.
City of Chino Hills	Christian Sanchez	1	Chino Hills	55%	0.52	1025	965	0.31	Repair all irrigation breaks shown on the report. Adjust all valve to the recommended runtimes provided by the report.

**CITY OF ONTARIO**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**



# 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 WaterSmart 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 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)	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 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	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

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 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 =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 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 =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	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 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	9	14	3,423	139
<i>Shows That Teach</i>	5	10	2,650	115

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	1	392	3

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	4	7

	Fiscal Year	Amount
<i>BMP Support Grant</i>	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>\$0</b>

Ontario Municipal Utilities Co.  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>
<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>

Ontario Municipal Utilities Co. (cont.)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<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>2002-2017 Totals</b>	<b>113</b>	<b>51,901</b>	<b>2,059</b>	<b>\$ 177,327.44</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	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	Rosas, Maria	1	Ontario	No Test	0.06	32	76	0.00	Fix broken sprinklers, add sprinklers and change layout to improve coverage, cap unnecessary sprinklers, use pressure regulator
City of Ontario	Reyes, CJ	1	Ontario	No Test	0.04	68	46	0.05	use VANs where needed, use taller risers, adjust sprinklers so they spray in the right direction, convert planter to drip, fix broken sprinklers, adjust pressure regulator for irrigation, move some sprinklers to improve coverage
City of Ontario	Gomez Angel, MaryAnn	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	Margaret Hamilton	1	Ontario	65%	0.12	296	236	0.14	Adjust current irrigation schedule to the schedule provided in the LEAP report.
City of Ontario	Villa Park Landscape - Reyes, Javier	<u>CII (7)</u>	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 UPLAND**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**





# City of Upland IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart 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 Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	25	346,269	1	21	\$0	\$100	\$200	\$300	0.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,670	1	13	\$0	\$4,921	\$23,418	\$28,339	29.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (127,969 Sq. Ft.)	12	5,421,663	17	166	\$0	\$127,969	\$255,938	\$383,907	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	400	521,440	2	8	\$0	\$0	\$1,300	\$1,300	1.1
<b>Subtotal</b>	<b>441</b>	<b>6,713,041</b>	<b>21</b>	<b>209</b>	<b>\$0</b>	<b>\$132,990</b>	<b>\$280,856</b>	<b>\$413,847</b>	
<b>TOTAL</b>	<b>1,897</b>	<b>14,027,541</b>	<b>43</b>	<b>459</b>	<b>\$0</b>	<b>\$168,258</b>	<b>\$392,208</b>	<b>\$560,467</b>	

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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



# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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



# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

## City of Upland IEUA Regional Conservation Programs Annual Report

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

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,248	14,111,173	43.31	866.11	0	8,112	74,880	82,992	4.5
IEUA Regional Event (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
IEUA Rebate Program (ULFT)	153	1,729,976	5.31	106.18	0	153	9,180	9,333	4.1
High Efficiency Clothes Washers	222	1,996,554	6.13	91.91	0	222	24,420	24,642	9.4
<b>Subtotal</b>	<b>1,623</b>	<b>17,837,703</b>	<b>55</b>	<b>1,064</b>	<b>0</b>	<b>8,487</b>	<b>108,480</b>	<b>116,967</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	930	10,515,538	32.27	645.42	0	97,650	55,800	153,450	11.1
<b>Subtotal</b>	<b>930</b>	<b>10,515,538</b>	<b>32</b>	<b>645</b>	<b>0</b>	<b>97,650</b>	<b>55,800</b>	<b>153,450</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	11	98,928	0.30	4.55	0	0	2,750	2,750	21.2
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>11</b>	<b>98,928</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2,750</b>	<b>2,750</b>	
<b>TOTAL</b>	<b>2,564</b>	<b>28,452,169</b>	<b>87</b>	<b>1,714</b>	<b>0</b>	<b>\$106,137</b>	<b>\$167,030</b>	<b>\$273,167</b>	
<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
IEUA Regional Event (ULFT)	11	124,377	0.38	7.63	0	121	660	781	4.8
IEUA Rebate Program (ULFT)	126	1,424,686	4.37	87.44	0	126	7,560	7,686	4.1
High Efficiency Clothes Washers	287	2,581,131	7.92	118.82	0	287	31,570	31,857	9.4
Pool Cover Rebates	14	239,148	0.73	3.67	0	742	0	742	2.4
<b>Subtotal</b>	<b>438</b>	<b>4,369,342</b>	<b>13</b>	<b>218</b>	<b>0</b>	<b>1,276</b>	<b>39,790</b>	<b>41,066</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	981	11,092,196	34.04	680.81	0	103,005	58,860	161,865	11.1
<b>Subtotal</b>	<b>981</b>	<b>11,092,196</b>	<b>34</b>	<b>681</b>	<b>0</b>	<b>103,005</b>	<b>58,860</b>	<b>161,865</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	3	26,980	0.08	1.24	0	0	750	750	21.2
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
X-Ray Film Processor	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>3</b>	<b>26,980</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>750</b>	
<b>TOTAL</b>	<b>1,422</b>	<b>15,488,519</b>	<b>48</b>	<b>900</b>	<b>0</b>	<b>104,281</b>	<b>99,400</b>	<b>203,681</b>	

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

# City of Upland

## IEUA Regional Conservation Programs Annual Report

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

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

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

# Regional Programs Summary

## City of Upland

FY 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	5	9	1,868	84
<i>Shows That Teach</i>	2	4	832	35

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

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	6	0

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



City of Upland  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>
<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>

City of Upland (cont.)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<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>2002-2017 Totals</b>	<b>61</b>	<b>27,290</b>	<b>1,146</b>	<b>\$ 83,831.30</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	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	Welch, Colleen	1	Upland	No Test	0.06	28	72	0.00	Keep planter and turf material separate, use VANs when needed, use correct arc angle nozzles, keep bubblers and spray on separate stations, use drip or microspray in small planters
City of Upland	Castillo, Robert	1	Upland	No Test	0.1	328	127	0.46	Reduce overspray, replace brass heads, fix broken sprinklers, cap unnecessary sprinklers, add sprinklers to improve coverage
City of Upland	Golden, Bob	1	Upland	57%	0.11	155	141	0.03	Add sprinklers to improve coverage, adjust sprinklers to reduce overspray, separate planter and turf material, replace valves, use VANs where needed, use mulch in planters
City of Upland	White, William	1	Upland		0.05	545	68	1.10	Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
City of Upland	Angellotti, Adrian	1	Upland		0.05	23	57	0.00	Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
City of Upland	Bui, Chris	1	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

**CUCAMONGA VALLEY WATER DISTRICT**  
Annual Water Use Efficiency Programs Report  
FY 2016-2017



*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 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	57	456,977	1	28	\$0	\$3,022	\$2,340	\$5,362	5.1
High Efficiency Clothes Washers (HECW)	224	2,518,555	8	108	\$0	\$5,330	\$19,040	\$24,370	4.2
Rotating Nozzles for Pop-up Spray Heads	221	316,858	1	5	\$0	\$194	\$442	\$636	0.9
Weather based Irrigation Controllers (WBIC)	123	1,659,548	5	51	\$0	\$2,840	\$9,878	\$12,718	3.4
Turf Removal (129,422 Sq. Ft.)	75	5,483,222	17	168	\$0	\$0	\$229,262	\$229,262	18.3
Rain Barrels	34	21,053	0	0	\$0	\$0	\$2,150	\$2,150	44.7
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	959	1,375,168	4	21	\$0	\$1,534	\$1,918	\$3,452	1.1
Residential Landscape Retrofit Program (105 WBIC/685 Nozzles)	76	2,398,950	7	59	\$33,911	\$823	\$33,088	\$67,822	12.4
Residential Education, Survey, and Controller Upgrade Program	73	984,935	3	30	\$0	\$29,456	\$15,195	\$44,650	19.9
Residential Pressure Regulation Program	42	0	4	42	\$0	\$3,489	\$8,871	\$12,360	3.9
<b>Subtotal</b>	<b>1,885</b>	<b>15,215,265</b>	<b>51</b>	<b>513</b>	<b>\$33,911</b>	<b>\$46,689</b>	<b>\$322,483</b>	<b>\$403,082</b>	<b>10.6</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	95	761,628	2	47	\$0	\$3,840	\$7,055	\$10,895	6.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	34	142,940	0.44	4	\$0	\$3,512	\$29,791	\$33,303	102.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
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 (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
Plumbing Flow Control	550	752,829	2	23	\$0	\$2,750	\$2,750	\$5,500	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>4,772</b>	<b>9,557,917</b>	<b>29</b>	<b>235</b>	<b>\$0</b>	<b>\$53,693</b>	<b>\$104,097</b>	<b>\$157,790</b>	
<b>TOTAL</b>	<b>6,657</b>	<b>24,773,182</b>	<b>80</b>	<b>748</b>	<b>\$33,911</b>	<b>\$100,382</b>	<b>\$426,580</b>	<b>\$560,872</b>	

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

## Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	640	8,864,480	27	544	\$0	\$7,813	\$61,414	\$69,227	3.5
High Efficiency Clothes Washers (HECW)	272	3,058,246	9	131	\$0	\$5,265	\$22,525	\$27,790	4.1
Rotating Nozzles for Pop-up Spray Heads	635	910,565	3	14	\$0	\$0	\$2,015	\$2,015	1.0
Weather based Irrigation Controllers (WBIC)	92	9,744,410	30	299	\$0	\$1,840	\$12,434	\$14,274	0.7
Turf Removal (826,764 Sq. Ft.)	436	35,027,510	107	1,075	\$0	\$0	\$1,604,094	\$1,604,094	20.7
Rain Barrels	410	253,876	1	4	\$0	\$0	\$12,757	\$12,757	22.7
Soil Moisture Sensor Systems	1	13,492	0.04	0.41	\$0	\$42	\$80	\$122	4.1
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	6,169	8,846,099	27	136	\$0	\$9,870	\$12,338	\$22,208	1.1
Residential Landscape Retrofit Program (576 WBIC/3,786 Nozzles)	171	66,437,974	204	1,955	\$89,123	\$0	\$89,123	\$178,245	1.2
Landscape Transformation Program (8,900 Sq. Ft.)	10	377,066	1	12	\$2,670	\$26,985	\$0	\$29,655	35.5
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
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
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
<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

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)	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>Subtotal</b>	<b>12,447</b>	<b>184,622,506</b>	<b>567</b>	<b>10,980</b>	<b>\$55,569</b>	<b>\$79,027</b>	<b>\$348,637</b>	<b>\$483,233</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	107	1,482,030	5	91	\$0	\$14,445	\$17,655	\$32,100	9.4
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)	41	4,342,618	13	133	\$0	\$14,750	\$14,850	\$29,600	3.0
Rotating Nozzles for Pop-up Spray Heads	22,234	28,984,242	89	445	\$0	\$552	\$3,086	\$3,638	0.1
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$1,000	\$1,000	\$2,000	0.0
Turf Removal (283,719 Sq. Ft.)	36	11,993,120	37	368	\$0	\$283,719	\$567,438	\$851,157	30.8
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	26,025	33,921,089	104	521	\$0	\$0	\$84,581	\$84,581	1.1
<b>Subtotal</b>	<b>48,443</b>	<b>80,723,099</b>	<b>248</b>	<b>1,557</b>	<b>\$0</b>	<b>\$314,466</b>	<b>\$688,610</b>	<b>\$1,003,076</b>	
<b>TOTAL</b>	<b>60,890</b>	<b>265,345,605</b>	<b>814</b>	<b>12,538</b>	<b>\$55,569</b>	<b>\$393,493</b>	<b>\$1,037,247</b>	<b>\$1,486,309</b>	

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



## Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	170	2,354,273	7	145	\$0	\$8,500	\$8,500	\$17,000	3.1
High Efficiency Clothes Washers (HECW)	383	5,304,040	16	326	\$0	\$24,895	\$32,555	\$57,450	4.7
Rotating Nozzles for Pop-up Spray Heads	15	207,730	1	13	\$0	\$15	\$60	\$75	0.2
Weather based Irrigation Controllers (WBIC)	34	470,855	1	29	\$0	\$2,380	\$2,720	\$5,100	4.7
Rain Barrels	26	360,065	1	6	\$0	\$0	\$1,950	\$1,950	2.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	6,153	85,210,851	262	5,230	\$0	\$0	\$23,156	\$23,156	0.1
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>	
<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)	20	2,118,032	7	65	\$0	\$14,750	\$14,850	\$29,600	6.1
Rotating Nozzles for Pop-up Spray Heads	792	1,032,296	3	16	\$0	\$552	\$3,086	\$3,638	1.5
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	1,588,198	5	49	\$0	\$1,000	\$1,000	\$2,000	0.5
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	12,700	16,553,231	51	254	\$0	\$0	\$41,275	\$41,275	1.1
<b>Subtotal</b>	<b>13,513</b>	<b>21,291,756</b>	<b>65</b>	<b>384</b>	<b>\$0</b>	<b>\$16,302</b>	<b>\$60,211</b>	<b>\$76,514</b>	
<b>TOTAL</b>	<b>20,348</b>	<b>124,491,733</b>	<b>382</b>	<b>6,386</b>	<b>\$22,825</b>	<b>\$71,118</b>	<b>\$169,867</b>	<b>\$263,811</b>	

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

## Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$150	\$150	\$300	3.2
High Efficiency Clothes Washers (HECW)	295	4,085,357	12.54	250.75	\$0	\$19,175	\$25,075	\$44,250	4.9
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>									
Residential Landscape Retrofit Program	42	12,382,338	38.00	316.00	\$23,816	\$3,876	\$27,693	\$55,385	2.0
Landscape Transformation Program (5,455 Sq. Ft.)	6	248,852	0.76	7.64	\$1,900	\$4,249	\$5,119	\$11,268	20.3
<b>Subtotal</b>	<b>8,880</b>	<b>134,942,622</b>	<b>414</b>	<b>7,831</b>	<b>\$25,716</b>	<b>\$29,006</b>	<b>\$83,017</b>	<b>\$137,739</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	179	2,478,911	7.61	152.15	\$13,128	\$6,383	\$8,950	\$28,461	5.1
<b>Subtotal</b>	<b>179</b>	<b>2,478,911</b>	<b>8</b>	<b>152</b>	<b>\$13,128</b>	<b>\$6,383</b>	<b>\$8,950</b>	<b>\$28,461</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	12	1,270,819	3.90	39.00	\$0	\$6,265	\$8,900	\$15,165	5.3
Rotating Nozzles for Pop-up Spray Heads	30	39,102	0.12	0.60	\$0	\$30	\$120	\$150	1.7
Large Rotary Nozzles	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	17,635	22,985,530	70.54	352.70	\$0	\$0	\$57,314	\$57,314	1.1
<b>Subtotal</b>	<b>17,677</b>	<b>24,295,451</b>	<b>75</b>	<b>392</b>	<b>\$0</b>	<b>\$6,295</b>	<b>\$66,334</b>	<b>\$72,630</b>	
<b>TOTAL</b>	<b>26,736</b>	<b>161,716,984</b>	<b>496</b>	<b>8,375</b>	<b>\$38,844</b>	<b>\$41,684</b>	<b>\$158,301</b>	<b>\$238,830</b>	

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

## Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	361	3,246,649	9.96	149.45	\$0	\$0	\$30,685	\$30,685	4.5
Rotating Nozzles for Pop-up Spray Heads	513	668,646	2.05	10.26	\$0	\$1,026	\$1,539	\$2,565	1.8
Weather Based Irrigation Controllers (WBIC)	33	3,494,752	10.73	107.25	\$0	\$1,485	\$2,640	\$4,125	0.6
FreeSprinklerNozzles.com Program	19,915	25,957,291	79.66	398.30	\$0	\$0	\$21,375	\$21,375	0.4
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>20,822</b>	<b>33,367,338</b>	<b>102</b>	<b>665</b>	<b>\$0</b>	<b>\$2,511</b>	<b>\$56,239</b>	<b>\$58,750</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</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
Waterless Urinals	15	599,729	1.84	36.81	\$0	\$750	\$3,000	\$3,750	3.0
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)	37	3,918,358	12.03	120.25	\$0	\$2,716	\$6,775	\$9,491	1.2
Rotating Nozzles for Pop-up Spray Heads	1,493	1,945,982	5.97	29.86	\$0	\$1,493	\$4,479	\$5,972	1.5
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	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
<b>Subtotal</b>	<b>1,525</b>	<b>9,249,440</b>	<b>28</b>	<b>382</b>	<b>\$0</b>	<b>\$5,985</b>	<b>\$86,135</b>	<b>\$92,120</b>	
<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>CII Save-A-Buck Rebate Program</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
Weather Based Irrigation Controllers (WBIC)	43	4,553,768	14	140	\$0	\$9,275	\$22,175	\$31,450	4.5
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
<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>									
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 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
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
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>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 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	10	16	4,050	169
<i>Shows That Teach</i>	0	0	0	0

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

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	12	0

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

Cucamonga Valley Water District  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>
<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>

Cucamonga Valley Water District (cont.)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<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>2002-2017 Totals</b>	<b>191</b>	<b>82,155</b>	<b>3,233</b>	<b>\$ 236,652.54</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Navarro, Ramon	1	Rancho Cucamonga	53%	0.04	108	56	0.12	fix tilted sprinklers, use nozzles with a lower trajectory, use VANs when needed, aerate soil, adjust and add sprinklers
CVWD	Camestra, Mary Ann	1	Rancho Cucamonga	65%	0.09	88	113	0.00	Use side strip nozzles, improve DU
CVWD	Domena, Al	1	Rancho Cucamonga	No Test	0.16	94	196	0.00	Separate planter and turf material onto separate stations, keep rotors and spray on separate stations, fix broken nozzle, use taller risers
CVWD	Gordon, Eva	1	Rancho Cucamonga	67%	0.11	76	141	0.00	Separate drip and spray irrigation onto separate stations, adjust sprinklers to reduce overspray, add sprinklers to improve coverage
CVWD	Mayol, Pureza	1	Rancho Cucamonga	No Test	0.04	111	46	0.15	get pressure regulator, remove sprinklers, use VANs, fix broken sprinklers
CVWD	Knauer, Eugene	1	Alta Loma	62%	0.12	69	143	0.00	Adjust sprinklers, fix broken sprinklers, separate planter and turf material, separate rotors and spray type sprinklers, add sprinklers to improve coverage
CVWD	Baer, Sharon	1	Alta Loma	No Test	0.18	170	220	0.00	Fix broken sprinklers, add sprinklers to improve DU, cap unnecessary sprinklers, convert planters to drip or microspray, adjust sprinklers, replace valve
CVWD	Toole, Kris	1	Alta Loma	No Test	0.18	172	227	0.00	fix broken sprinklers, use VANs where needed, replace rotors with spray in small areas, cap unnecessary sprinklers, adjust sprinkler run times.
CVWD	Lawrence, Millie	1	Rancho Cucamonga	48%	0.08				overspray, adjust nozzles, use VANs when needed, replace solenoid on one of the valves, fix broken sprinkler, add sprinklers, use correct nozzle type
CVWD	Paopradith, Ratana	1	Alta Loma		0.08	233	301	0.00	overspray, adjust nozzles, use VANs when needed, replace solenoid on one of the valves, fix broken sprinkler, add sprinklers, use correct nozzle type
CVWD	Modereger, Bill	1	Rancho Cucamonga	53%	0.05	46	44	0.00	Improve DU by changing sprinkler placement. Raise sprinklers that have sunken. Change timer to proposed watering schedule.
CVWCD	Kyle Morrison	1	Alta Loma	55%	0.17	409	349	0.28	Repair all irrigation related issues through the report. Adjust irrigation controller to the recommended schedule provided in the report

**FONTANA WATER COMPANY**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**



# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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



# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

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

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



# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

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

# Fontana Water Company IEUA Regional Conservation Programs Annual Report

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

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

# Regional Programs Summary

## Fontana Water Company

FY 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	11	23	5,938	232
<i>Shows That Teach</i>	2	4	1,290	54

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

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	3	0

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

Fontana Water Company  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>
<b>FY 2009-10</b>				
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>

Fontana Water Company (cont.)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<b>FY 2008-09</b>				
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>
<b>FY 2007-08</b>				
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>
<b>FY 2006-07</b>				
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>
<b>FY 2005-06</b>				
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>
<b>FY 2004-05</b>				
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>
<b>FY 2003-04</b>				
Think Earth! It's Magic	3	1,390	60	\$ 5,560.00
IEUA PDA Classes	N/A	N/A	N/A	
<b>TOTAL</b>	<b>3</b>	<b>1,390</b>	<b>60</b>	<b>\$ 5,560.00</b>
<b>FY 2002-03</b>				
Think Earth! It's Magic	3	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>2002-2017 Totals</b>	<b>149</b>	<b>74,093</b>	<b>2,882</b>	<b>\$ 205,062.37</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	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 Co.	Inzunza, Marisol	1	Fontana	No Test	0.05	33	58	0.00	Redesign layout of sprinklers, fix low and tilted sprinkler, add sprinklers to improve coverage, lower pressure regulator so pressure is not too low
Fontana Water Co.	Islas, Martin	1	Fontana	26%	0.05				adjust sprinklers to reduce overspray, add sprinkler in dry areas to improve head to head coverage, separate drip and spray, irrigate planter and turf material on separate stations
Fontana Water Co.	Ortega, Derek	1	Fontana		0.10	92	96	0.00	Increase DU by adjusting sprinkler placement for proper head to head coverage. Stay with one sprinkler type per zone.



**MONTE VISTA WATER DISTRICT**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**



# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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



# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

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

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



# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

# Monte Vista Water District IEUA Regional Conservation Programs Annual Report

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

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

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

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

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

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

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

# Regional Programs Summary

## Monte Vista Water District

FY 16/17

Programs				
	Schools	Performances	Students	Teachers
<i>National Theatre for Children</i>	6	12	2,700	133
<i>Shows That Teach</i>	0	0	0	0

	Garden(s)	Students	Teachers
<i>Garden In Every School (GIES)</i>	1	2,917	1

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	8	0

	Fiscal Year	Amount
<i>BMP Support Grant</i>	2016-2017	\$0
	2015-2016	\$0
	2014-2015	\$2,000
	2013-2014	\$0
	2012-2013	\$0
	2011-2012	\$2,000
	2010-2011	\$0
	2009-2010	\$0
	2008-2009	\$2,000
	2007-2008	\$2,000
	<b>TOTAL</b>	<b>\$8,000</b>



Monte Vista Water District  
Water Education/Community Outreach Program Results  
2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>
<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>



Monte Vista Water District (cont.)  
Water Education/Community Outreach Program Results  
2002-2017 Period

<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>2002-2017 Totals</b>	<b>91</b>	<b>45,031</b>	<b>1,822</b>	<b>\$ 117,698.42</b>

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Gray, Nancy	1	Chino	No Test	0.12	285	148	0.31	reduce station run times for spray type sprinklers in turf area, move sprinkler up so not blocked by wall, adjust rotors
MVWD	Rodriguez, Romulo	1	Montclair	42%	0.03	84	101	0.00	aerate soil, improve head to head coverage by using nozzles with a further reach, fixing broken nozzles
MVWD	Caballero, Ruth	1	Montclair	No Tesst	0.06	115	68	0.11	unclog sprinklers, trim plant material to prevent plant blockage, put emitters on drip line,
MVWD	Smith, Becky	1	Montclair	No Test	0.10	351	123	0.52	use VANs where needed, use correct nozzle arc angle, separate sprinkler types onto separate stations, adjust rotors, add more emitters on microspray line to reduce overspray
MVWD	Rosas, Anthony	1	Montclair		0.08	156	100	0.13	Adjust spinklers to keep water on landscape area. Match nozzles on zones to increase DU. Adjust timer to scheudle provided
MVWD	Roger Lambert	1	Montclair	N/A	0.09	254	194	0.08	Adjust current schedule to the schedule provided in the report. Review the proposed irrigaiton upgrades in the report.
MVWD	Zepeda Lourdes	1	Montclair	N/A	0.05	134	104	0.01	Adjust current schedule to the schedule provided in the report. Review the proposed irrigaiton upgrades in the report.
MVWD	Patrick Hogan	1	Montclair	N/A	0.09	300	240	0.10	Adjust current schedule to the schedule provided in the report. Review the proposed irrigaiton upgrades in the report.

**SAN ANTONIO WATER COMPANY**  
**Annual Water Use Efficiency Programs Report**  
**FY 2016-2017**



# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

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

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



# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Synthetic Turf (5,235 Sq. Ft.)	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>	

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

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

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

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

# San Antonio Water Company IEUA Regional Conservation Programs Annual Report

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

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

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

	Residential	Commercial
<i>Landscape Evaluation &amp; Audit Program</i>	1	0

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

San Antonio Water Company  
 Water Education/Community Outreach Program Results  
 2002-2017 Period

Program	# of Schools	# of Students	# of Teachers	Funding
<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>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>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>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>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>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>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>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>	

San Antonio Water Company (cont.)  
 Water Education/Community Outreach Program Results  
 2002-2017 Period

FY 2008-09				
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>	
FY 2007-08				
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>	
FY 2006-07				
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>	
FY 2005-06				
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>	
FY 2004-05				
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>	
FY 2003-04				
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>	
FY 2002-03				
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>2002-2017 Totals</b>				

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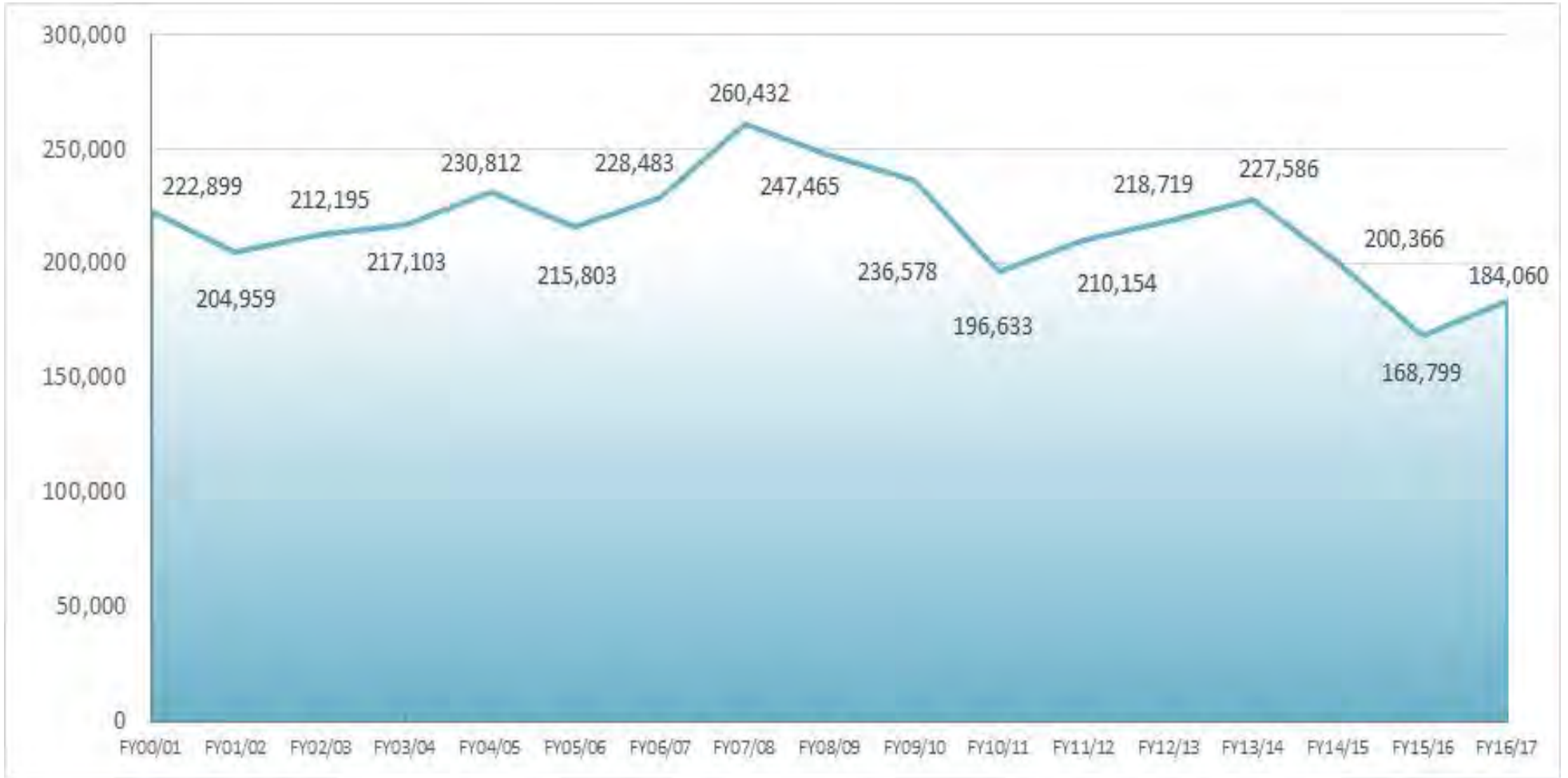
Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SFR	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.	Reinhart, Isabel	1	Upland	No Test	0.16	198	202	0.00	use sprinklers with larger radius to improve head to head coverage, use mulch in planters, fix broken sprinklers, cap unnecessary sprinklers.

## **Appendix A**

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

**IEUA Member Agency Overall Total Water Use Trend**



### *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*

	2016/17 Actual GPCD	2020 GPCD
Projected GPCD reduction from WUE Active and Passive Activities	14	29 – 46*
Projected GPCD reduction from Recycled Water Supply	22	31
TOTAL Projected GPCD Reduction	36	60 – 77*
<b>Revised 10 Year Baseline GPCD</b>	<b>243</b>	
Regional GPCD Target	218**	194
Regional GPCD Projected Achievement***	167	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

Fiscal Year	GPCD without WUE & Recycled Water	Water Use Efficiency	Recycled Water	Actual GPCD*
<b><i>UWMP 2010 Baseline</i></b>				<b>251</b>
2009-10	235	6	10	219
2010-11	222	7	12	203
2011-12	236	7	15	214
2012-13	244	8	18	218
2013-14	250	9	21	211
<b><i>UWMP 2015 Target</i></b>				<b>218</b>
2014-15	216	10	21	184
2015-16	189	13	20	156
2016-17	202	14	22	167
<b><i>UWMP 2020 Target</i></b>				<b>194</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**

**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 of the recommendations that were made for each site during the audit.**

FY 16/17

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

SUB-AGENCY	CUSTOMER	SFR	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	Flores, Jolynn	1	Chino		0.07	136	86	0.11	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Gonzaga, Natalie	1	Chino	59%	0.03	132	49	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Cyndi Watson	1	Chino	N/A	0.04	245	185	0.03	Repair all leaks that are shown in the report. Upgrade irrigation system to achieve proper irrigation uniformity.
City of Chino	Annie 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 Hills	Linden, Dalia	1	Chino Hills	No Test	0.06	40	68	0.00	Separate planter and turf material, convert planters to drip, fix tilted and broken sprinklers, use correct nozzles, move sprinklers to improve coverage
City of Chino Hills	Lopez, Rene	1	Chino Hills	71%	0.10	84	127	0.00	add sprinklers in corners to reduce overspray, use VANs where needed, use sprinklers with a lower trajectory, adjust sprinklers to reduce runoff
City of Chino Hills	Cheryl Hernandez	1	Chino Hills	N/A	0.04	198	138	0.14	Make sure all the nozzles are matching in each irrigation zone. Adjust timer to recommended durations per the report.
City of Chino Hills	Christian Sanchez	1	Chino Hills	55%	0.52	1025	965	0.31	Repair all irrigation breaks shown on the report. Adjust all valve to the recommended runtimes provided by the report.

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

SUB-AGENCY	CUSTOMER	SFR	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Navarro, Ramon	1	Rancho Cucamonga	53%	0.04	108	56	0.12	fix tilted sprinklers, use nozzles with a lower trajectory, use VANs when needed, aerate soil, adjust and add sprinklers
CVWD	Camestra, Mary Ann	1	Rancho Cucamonga	65%	0.09	88	113	0.00	Use side strip nozzles, improve DU
CVWD	Domena, Al	1	Rancho Cucamonga	No Test	0.16	94	196	0.00	Separate planter and turf material onto separate stations, keep rotors and spray on separate stations, fix broken nozzle, use taller risers
CVWD	Gordon, Eva	1	Rancho Cucamonga	67%	0.11	76	141	0.00	Separate drip and spray irrigation onto separate stations, adjust sprinklers to reduce overspray, add sprinklers to improve coverage
CVWD	Mayol, Pureza	1	Rancho Cucamonga	No Test	0.04	111	46	0.15	get pressure regulator, remove sprinklers, use VANs, fix broken sprinklers
CVWD	Knauer, Eugene	1	Alta Loma	62%	0.12	69	143	0.00	Adjust sprinklers, fix broken sprinklers, separate planter and turf material, separate rotors and spray type sprinklers, add sprinklers to improve coverage
CVWD	Baer, Sharon	1	Alta Loma	No Test	0.18	170	220	0.00	Fix broken sprinklers, add sprinklers to improve DU, cap unnecessary sprinklers, convert planters to drip or microspray, adjust sprinklers, replace valve
CVWD	Toole, Kris	1	Alta Loma	No Test	0.18	172	227	0.00	fix broken sprinklers, use VANs where needed, replace rotors with spray in small areas, cap unnecessary sprinklers, adjust sprinkler run times.

CVWD	Lawrence, Millie	1	Rancho Cucamonga	48%	0.08				overspray, adjust nozzles, use VANs when needed, replace solenoid on one of the valves, fix broken sprinkler, add sprinklers, use correct nozzle type
<b>SUB-AGENCY</b>	<b>CUSTOMER</b>	<b>SFR</b>	<b>CITY</b>	<b>Average Irrigation Uniformity</b>	<b>Irrigated Acreage</b>	<b>Estimated Water Applied in CCF/HCF</b>	<b>Estimated Water Needs (Annually CCF/HCF)</b>	<b>Potential Savings AF/YR</b>	<b>Recommendations</b>
CVWD	Paopradith, Ratana	1	Alta Loma		0.08	233	301	0.00	overspray, adjust nozzles, use VANs when needed, replace solenoid on one of the valves, fix broken sprinkler, add sprinklers, use correct nozzle type
CVWD	Modereger, Bill	1	Rancho Cucamonga	53%	0.05	46	44	0.00	Improve DU by changing sprinkler placemnet. Raise sprinklers that have sunken. Change timer to proposed watering schedule.
CVWCD	Kyle Morrison	1	Alta Loma	55%	0.17	409	349	0.28	Repair all irrigation relatedcd issues through the report. Adjust irrigaiton controller to the recommended schedule provided in the report
MVWD	Gray, Nancy	1	Chino	No Test	0.12	285	148	0.31	reduce station run times for spray type sprinklers in turf area, move sprinkler up so not blocked by wall, adjust rotors
MVWD	Rodriguez, Romulo	1	Montclair	42%	0.03	84	101	0.00	aerate soil, improve head to head coverage by using nozzles with a further reach, fixing broken nozzles
MVWD	Caballero, Ruth	1	Montclair	No Tesst	0.06	115	68	0.11	unclog sprinklers, trim plant material to prevent plant blockage, put emitters on drip line,
MVWD	Smith, Becky	1	Montclair	No Test	0.10	351	123	0.52	use VANs where needed, use correct nozzle arc angle, separate sprinkler types onto separate stations, adjust rotors, add more emitters on microspray line to reduce overspray
MVWD	Rosas, Anthony	1	Montclair		0.08	156	100	0.13	Adjust spinklers to keep water on landscape area. Match nozzles on zones to increase DU. Adjust timer to scheudle provided
MVWD	Roger Lambert	1	Montclair	N/A	0.09	254	194	0.08	Adjust current schedule to the schedule provided in the report. Review the proposed irrigaiton upgrades in the report.
<b>SUB-AGENCY</b>	<b>CUSTOMER</b>	<b>SFR</b>	<b>CITY</b>	<b>Average Irrigation Uniformity</b>	<b>Irrigated Acreage</b>	<b>Estimated Water Applied in CCF/HCF</b>	<b>Estimated Water Needs (Annually CCF/HCF)</b>	<b>Potential Savings AF/YR</b>	<b>Recommendations</b>
MVWD	Zepeda Lourdes	1	Montclair	N/A	0.05	134	104	0.01	Adjust current schedule to the schedule provided in the report. Review the proposed irrigaiton upgrades in the report.
MVWD	Patrick Hogan	1	Montclair	N/A	0.09	300	240	0.10	Adjust current schedule to the schedule provided in the report. Review the proposed irrigaiton upgrades in the report.
Fontana Water Co.	Inzunza, Marisol	1	Fontana	No Test	0.05	33	58	0.00	Redesign layout of sprinklers, fix low and tilted sprinkler, add sprinklers to improve coverage, lower pressure regulator so pressure is not too low
Fontana Water Co.	Islas, Martin	1	Fontana	26%	0.05				adjust sprinklers to reduce overspray, add sprinkler in dry areas to improve head to head coverage, separte drip and spray, irrigate planter and turf material on separate stations
Fontana Water Co.	Ortega, Derek	1	Fontana		0.10	92	96	0.00	Increase DU by adjusting sprinkler placement for proper head to head coverage. Stay with one sprinkler type per zone.

City of Ontario	Rosas, Maria	1	Ontario	No Test	0.06	32	76	0.00	Fix broken sprinklers, add sprinklers and change layout to improve coverage, cap unnecessary sprinklers, use pressure regulator
City of Ontario	Reyes, CJ	1	Ontario	No Test	0.04	68	46	0.05	use VANs where needed, use taller risers, adjust sprinklers so they spray in the right direction, convert planter to drip, fix broken sprinklers, adjust pressure regulator for irrigation, move some sprinklers to improve coverage
SUB-AGENCY	CUSTOMER	SFR	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	Gomez Angel, MaryAnn	1	Ontario	No Test	0.08	84	101	0.00	fix broken sprinklers, unclog sprinklers, make sure there is head to head coverage, too many sprinklers in turf area, fix tilted sprinklers, fix leaking valve
Ontario	Margaret Hamilton	1	Ontario	65%	0.12	296	236	0.14	Adjust current irrigation schedule to the schedule provided in the LEAP report.
City of Ontario	Villa Park Landscape - Reyes, Javier	<b>CII (7)</b>	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	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	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	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	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	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	Upland		0.05	23	57	0.00	Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
SUB-AGENCY	CUSTOMER	SFR	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	Bui, Chris	1	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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Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
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City of Chino	Mariela, Carry	1	Chino	No Test	0.02	276	29	0.57	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Visser, Wytyske	1	Chino	No Test	0.05	1652	60	3.66	Fix any broken lines, heads, or valves, convert rotors to mp rotators, standardize all stations to one sprinkler type, improve sprinkler layout, mulch planters
City of Chino	Basile, Bob	1	Chino	No Test	0.09	159.00	114	0.10	Upgrade brass heads, replace broken sprinklers, reduce overspray, install backflow preventer.
City of Chino	Perez, Lidia	1	Chino	58%	0.07	29	82	0.00	Improve DU in backyard by adding sprinklers, adjust rotors in front to reduce overspray, use one type of sprinkler, use mulch
City of Chino	Curran, Danielle - Cypress Creek HOA	1	Chino	48%	1.64	3971	2017	4.49	Improve DU, fix broken lines and nozzles, adjust sprinklers, cut plants to avoid blockage, use taller risers where needed
City of Chino	Weaver, Kevin- Ivy at College Park	1	Chino	No Test	1.07	2505	1320	2.72	Use mulch, cut back on watering days

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SUB-AGENCY	CUSTOMER	SITE	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	McCarthy, Mary	1	Chino Hills	89%	0.07	160	90	0.16	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Bhatia, Ravi	1	Chino Hills		0.03	80	42	0.09	Participate in all nozzle upgrade programs, fix any broken lines or heads, improve DU
City of Chino Hills	Carbajal, Manuel	1	Chino Hills		0.05	51	66	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Patel, Dan	1	Chino Hills		0.12	90	142	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Cortez, Fortino	1	Chino Hills		0.08	13	98	0.00	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Sorrentino, Mike	1	Chino Hills	No Test	0.07	80	82	0.00	Fix broken lines and heads, participate in all nozzle and rebate programs, use VANS for curved areas, adjust sprinklers to reduce overspray
City of Chino Hills	Tagatac, Arthur	1	Chino Hills	No Test	0.05	132	57	0.17	Improve DU, use taller risers and cut away turf around sprinklers, Standardize all stations to one sprinkler type, separate shady and sunny microclimates onto separate stations, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Cao, Sel	1	Chino Hills	No Test	0.07	68	83	0.00	separate planter and turf material, remove turf in front yard, fix any broken sprinklers or nozzles, fix tilted sprinklers, fix high pressure, use variable arc nozzles where needed
City of Chino Hills	Arcot, Srinivas	1	Chino Hills	63%					add some sprinklers for better coverage, use mulch, convert planter to microspray, adjust sprinklers to reduce overspray

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	De La Cruz, Jeff	1	Fontana	No Test	0.06	17	68	0.00	Participate in rebate and nozzle programs, improve DU, cap unnecessary sprinklers, cover valves, reduce overspray by adjusting sprinklers
CVWD	Barndollar, James	1	Rancho Cucamonga	No Test	0.04	131	45	0.20	Use side strip nozzles, improve DU
CVWD	Giordano, Tony	1	Rancho Cucamonga		0.05	242	57	0.42	Put different plant material on separate stations, fix any leaks, convert planter to microspray, participate in nozzle programs
CVWD	Hodge, Bonnie	1	Rancho Cucamonga		0.11	230	140	0.21	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Tims, Teresa	1	Rancho Cucamonga		0.16	453	199	0.58	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, separate plant material and microclimates to different stations.
CVWD	Rodriguez, Mayra	1	Rancho Cucamonga		0.07	189	82	0.25	Move blocked sprinklers, increase DU, use correct nozzles, cap unnecessary sprinklers
CVWD	Ji, Hai	1	Rancho Cucamonga	No Test	0.07	-22	89	0.00	No test. Improve DU, improve layout of sprinklers, mulch planters, use side strip nozzles in parkways, replace leaking valves
CVWD	Chavez, Amy	1	Rancho Cucamonga	No Test	0.03	200	38	0.37	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Adrianzen, Jose	1	Rancho Cucamonga	No Test	0.02	90	20	0.16	Repair broken and leaking sprinklers, clean clogged sprinklers, cap unnecessary sprinklers, make adjustments to reduce overspray, convert planters to microspray,
CVWD	Rowles, Mike	1	Fontana	20%	0.03	89	33	0.13	Improve DU, adjust layout of sprinklers, improve head to head coverage, use VAN for curved areas, cap unnecessary sprinklers
CVWD	Tabares, Daniel	1	Rancho Cucamonga	No Test	0.04	125	47	0.18	Unclog sprinklers, fix tilted sprinkler, aerate soil, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Urquizu, Josie	1	Rancho Cucamonga	52%	0.24	175	298	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, add sprinklers to improve distribution uniformity, adjust sprinklers, install check valves
CVWD	Huang, Theodore	1	Rancho Cucamonga	69%	0.12	97	154	0.00	Participate in rebate and nozzle programs, improve DU, cap unnecessary sprinklers, fix broken lines and heads, adjust sprinklers to reduce overspray
CVWD	Brown, Satti	1	Rancho Cucamonga	No Test	0.18	240	227	0.03	Standardize all stations to planter or turf material, participate in all nozzle upgrade programs, fix any broken lines or heads, adjust layout of sprinklers, use variable arc nozzles when needed.
CVWD	Caney, Russ	1	Rancho Cucamonga	No Test	0.13	133	156	0.00	fix any broken lines or heads and valves, keep sprinkler types separate, install check valves, change out brass sprinklers for newer, plastic ones, turn sprinklers down, use pressure regulator

CVWD	Muljadi, Arif	1	Rancho Cucamonga	No Test	0.05	6	58	0.00	Clean clogged sprinklers, adjust sprinklers to reduce overspray, use VANs where needed, make sure wires are connected so station turns on, fix leaking valve
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Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Garces, Aurora	1	Montclair	No Test	0.07	178	89	0.20	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Sugermen, Larry	1	Montclair	No Test	0.10	197	128	0.16	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Snow, Kenneth	1	Montclair	No Test	0.03	86	44	0.10	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Morales, Alicia	1	Montclair	No Test	0.03	20	38	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Noperi, Ramon	1	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	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	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	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	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.
MVWD	Taylor, Debra	1	Chino	No Test	0.08	102	95	0.02	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Mandelcorn, Eugene	1	Chino	62%	0.06	82	77	0.01	Improve DU, Participate in all nozzle upgrade programs, fix any broken lines or heads, switch to microspray in planters
MVWD	Ross, George	1	Chino	No Test	0.11	282	134	0.34	Cap unnecessary sprinklers, standardize all stations to one sprinkler type, replace impact with rotors, adjust sprinkler to reduce overspray
MVWD	Wang, Yifei	1	Chino	No Test	0.26	0	323	0.00	Fix any broken lines or heads, replace leaking valves, cap unnecessary sprinklers, decrease watering time for planter material, participate in all nozzle upgrade programs, adjust sprinklers to reduce overspray
MVWD	Sanchez, Maria	1	Montclair	No Test	0.05	49	66	0.00	Fix any broken lines or heads, cap unnecessary sprinklers, fix tilted sprinklers, repair leaking valves, use mulch in planters, adjust sprinklers to reduce overspray
MVWD	Venegas, Rosie	1	Chino	60%	0.22	402	269	0.31	Fix line breaks, reduce minutes in planters, reduce irrigation days, fix any broken sprinklers, adjust sprinklers to reduce overspray, use mulch, convert planters to microspray



MVWD	Castlerock Villas Apartments	1	Montclair	No Test	2.17	4863	2673	5.03	Correct the watering schedule, adjust arc patterns, repair broken sprinklers. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
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**FY 15/16** Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	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 Co.	Yakout, Ahmed	1	Fontana	No test	0.02	76	19	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Murphy, Diane	1	Fontana	No Test	0.37	320	460	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Jackson, Lorna	1	Fontana	65%	0.08	181	101	0.18	Improve DU, install pressure regulator, Participate in all nozzle upgrade programs, fix any broken lines or heads, fix caps on capped sprinklers.
Fontana Water Co.	Arias, Jeannette	1	Fontana	No Test	0.12	181	145	0.08	Improve DU and head to head coverage with rotors, cover and repair valves, fix tilted sprinklers.
Fontana Water Co.	Black, Timothy	1	Fontana	66%	0.06	22	71	0.00	Improve DU and head to head coverage, fix tilted sprinklers, use VANs where needed, fix any broken lines or sprinklers, convert planters to microspray, adjust layout, use sprinklers with a shorter radius
Fontana Water Co.	Cheney, Shirley	1	Fontana	No Test	0.08	146	96	0.11	Fix broken sprinklers, adjust sprinklers, use VANs where needed, replace missing emitters on drip line, use taller risers

**FY 15/16** Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	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	Jauregui, Maria	1	Ontario	No Test	0.05	217	59	0.36	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Pohlman, Carrie	1	Ontario	No Test	0.04	60	51	0.02	Standardize all stations to one sprinkler type, convert impact rotors to mp rotators, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Thompson, Mary	1	Ontario	No Test	0.11	155	132	0.05	Add sprinklers to improve DU, use taller risers in planters, separate planter and parkway into separate stations.
City of Ontario	Arredondo, Griselda	1	Ontario	64%	0.15	364	185	0.41	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, convert turf in parkway to planter, use high pressure compensating nozzles, fix solenoid on valve
City of Ontario	Ramos, Claudia	1	Ontario	No Test	0.13	0	155	0.00	Improve layout of sprinklers, use mulch in planters, fix any broken lines or heads.
City of Ontario	Coggiola, Craig	1	Ontario	No Test	0.06	11	69	0.00	Fix any broken lines or heads, adjust sprinklers, separate turf and planter material, add sprinklers to improve distribution uniformity
City of Ontario	Marrs, Valerie	1	Ontario	No Test	0.03	78	35	0.10	Improve head to head coverage, fix tilted sprinklers, fix broken and leaky sprinklers, add sprinklers to improve DU, cap unnecessary sprinklers, separate planter and turf material onto separate stations



City of Ontario	Shea Properties	7	Ontario	No Test	8.05	24218	9918	32.83	
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**FY 15/16** Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	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.	Waller, J.T.	1	Upland	No Test	0.16	707	195	1.11	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.

**FY 15/16** Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	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	Allmazan, Patricia	1	Upland	No Test	0.12	245	153	0.21	Correct tilted sprinklers, repair leaking sprinklers, check microspray regularly
City of Upland	Andersen, John	1	Upland	43%	0.08	159	103	0.13	Improve DU, switch to microspray or drip in planter to avoid overspray, use pressure regulator, add and adjust layout of sprinklers to improve DU
City of Upland	Klotzsche, Herb	1	Upland	72%	0.09	103	104	0.00	Adjust height of valves, convert standard spray to mp rotators to keep sprinkler type uniform, add mulch to planters, remove section of turf or change layout of sprinkler.
City of Upland	Sanchez, William	1	Upland	No Test	0.15	271	185	0.20	Fix any leaks or breaks, separate plant and turf material on two different stations, improve layout of sprinklers, cap unnecessary sprinklers and emitters
City of Upland	Johnson, Bill	1	Upland	50%	0.11	411	137	0.63	Improve DU, switch to microspray or drip in planter to avoid overspray, separate planter and turf material onto separate stations, turn down and adjust sprinklers to reduce overspray, fix any leaks or broken sprinklers
City of Upland	Wade, Jennifer	1	Upland	No Test	0.07	56	81	0.00	Fix leaking sprinklers and valve, connect wires correctly so station turns on with controller, add sprinklers to improve coverage, aerate soil, use VANs where needed

**FY 14/15** Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	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	Orihuela, Beatriz	1	Chino	No Test	0.03	47	33	0.03	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Guerra, Marcy	1	Chino	No Test	0.12	389	146	0.56	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

City of Chino	Sandrik, Scott	1	Chino	No Test	0.06	192	68	0.28	No test, Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Campos, Cristine	1	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	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	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	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	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	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	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	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	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	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	Chino	No Test	0.07	138	83	0.13	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Braviroff, Jeri	1	Chino	No Test	0.14	316	176	0.32	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Zwick, Karen	1	Chino	No Test	0.06	65	68	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

City of Chino	Roque, Francis	1	Chino	No Test	0.09	74	110	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino	Ellis, Matt	3	Chino	72%	4.44	12592	5468	16.36	Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

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

SUB-AGENCY	CUSTOMER	SITE	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	Garvin, Ami	1	Chino Hills	No Test	0.03	7	36	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Duran, Naomi	1	Chino Hills	No Test	0.07	183	86	0.22	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Patel, Dan	1	Chino Hills	No Test	0.10	122	120	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Saputra, Patty	1	Chino Hills	No Test	0.04	53	45	0.02	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Lin, Johnny	1	Chino Hills	No Test	0.31	295	381	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Vasquez, Nery & Irma	1	Chino Hills	No Test	0.15	112	181	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Kirk, Douglas	1	Chino Hills	No Test	0.04	25	56	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Zaporte, Pearl	1	Chino Hills	No Test	0.03	146	33	0.26	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Oakes, James	1	Chino Hills	No Test	0.87	776	1066	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Chou, David	1	Chino Hills	No Test	0.04	180	53	0.29	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

City of Chino Hills	Chou, Alice	1	Chino Hills	No Test	0.03	121	39	0.19	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Keung, Winnie	1	Chino Hills	No Test	0.02	22	26	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Marem, Sudhakar	1	Chino Hills	24%	0.06	31	74	0.01	New customer. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Bean, Edd	1	Chino Hills	No test	0.05	131	68	0.14	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Hilbbert, Mark	1	Chino Hills	57%	0.07	143	82	0.14	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Chen, Jayln	1	Chino Hills	No Test	0.347658402	410	337	0.167599754	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Linden, Dalia	1	Chino Hills	No test	0.096694215	250	119	0.300761203	Cut back plants blocking sprinklers, fix broken sprinklers, reduce watering times.
City of Chino Hills	Pirruccello, Kym	1	Chino Hills	0.71	0.056932966	89	70	0.043621854	Convert planters to microspray, reduce overspray, repair broken sprinklers.
City of Chino Hills	Pickett, Marc	1	Chino Hills	39%	0.15	174	190	0.00	Replace brass heads, repair broken and leaking sprinklers, use check valves, cut back plant material, use taller sprinkler risers, cap redundant sprinklers, use pressure regulator.
City of Chino Hills	Seebalac, Randy	1	Chino Hills	9%	0.02	Unknown	Unknown	Unknown	Cut back plant material, repair leaking and broken sprinklers, replace missing nozzles, reduce overspray, use variable-arc nozzles for curved areas, cap unnecessary sprinklers, reconnect missing microspray lines
City of Chino Hills	Dillinham, Dawn	1	Chino Hills	No Test	0.10	120	118	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Irani, Moti	1	Chino Hills	51%	0.05	147	64	0.19	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Hagenson, Ti	1	Chino Hills	No Test	0.09	382	112	0.62	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Neal, Dahya	1	Chino Hills	No Test	0.05	169	57	0.26	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

City of Chino Hills	Warner, Mark	1	Chino Hills	56%	0.15	484	180	0.70	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Kolar, Nicolette	1	Chino Hills	No Test	0.06	82	75	0.02	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Gillis, Frank	1	Chino Hills	No Test	0.05	150	68	0.19	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Smith, Del	1	Chino Hills	No Test	0.18	115	102	0.03	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Grant, Marie	1	Chino Hills	No Test	0.12	280	147	0.31	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Scott, John	1	Chino Hills	No Test	0.05	38	60	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Benson, Brett	1	Chino Hills	No Test	0.09	193	105	0.20	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Linder, JoAnn	1	Chino Hills	No Test	0.07	200	82	0.27	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Lee, Cathy	1	Chino Hills	No Test	0.29	294	361	0.00	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Chino Hills	Oakridge HOA	4	Chino Hills	No Test	4.708080808	9226	5803	7.858821363	Repair broken sprinklers and lines, cut back plant material or raise spinklers above shrubs, upgrade to weather sensor enabled controllers.
City of Chino Hills	Canyon Hills HOA	21	Chino Hills	No Test	22.76170799	25158	18035	16.35360344	Cap redundant sprinklers, repair broken lines and sprinklers, cut back plant material blocking sprinkler arc, match rotors to slope angle.
City of Chino Hills	Hampton Manor HOA	1	Chino Hills	No Test	1.06	7600	1310	14.44112953	Reduce overspray, lower pressure, cap redundant sprinklers, reduce times on stations in shade.

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CVWD	Robinson, Cynthia	1	Rancho Cuca	No Test	0.08	336	98	0.55	Move blocked sprinklers, increase DU, use correct nozzles.
CVWD	Hasan, Dana	1	Rancho Cuca	No Test	0.11	417	140	0.64	Turn down bubblers, lower overspray, correct tilted sprinklers, cap redundant sprinklers
CVWD	Lapointe, Sidonie	1	Rancho Cuca	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	Rancho Cuca	No Test	0.13	362	162	0.46	Cap redundant sprinklers, aerate soil on slopes, fix broken sprinkler line.
CVWD	Lemos, Denis	1	Rancho Cuca	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	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	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	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	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	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	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	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	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	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	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
CVWD	Glascott, Jim	1	Alta Loma	No Test	0.23	441	230	0.48	Repair broken and leaking sprinklers, clean clogged sprinklers, cap unnecessary sprinklers, make adjustments to reduce overspray, fix tilted sprinklers, Cut back plant material, use taller risers for low sprinklers or relocate to reduce blockage.
CVWD	Quintal, Roger	1	Ontario	No Test	0.15	420	159	0.60	Repair broken and leaking sprinklers, clean clogged sprinklers, cap unnecessary sprinklers, make adjustments to reduce overspray, fix tilted sprinklers, Cut back plant material, use taller risers for low sprinklers or relocate to reduce blockage.
CVWD	Keller, Jeff	1	Fontana	No Test	0.05	324	68	0.59	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Stephens, Serina	1	Rancho Cuca	42%	0.04	0	51	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
CVWD	Kowalewski, Dolore	1	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	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	Meadowwood Village HOA	7	Rancho Cucamonga	No Test	8.03	13380	9903	7.98	Plan drawn up for multi-phase turf removal
CVWD	De Beers Watch Bands	1	Rancho Cucamonga	No Test	0.14	595	169	0.98	Repair broken and leaking sprinklers, repair leaking valves, reduce overspray, use vans on curved areas, clean clogged sprinklers, cut back plant material
CVWD	Shepherd of the Hills	1	Rancho Cucamonga	0.62	2.3	3539	2829	1.63	Use pressure regulator, repair broken and leaking sprinklers, reduce sprinkler radius, cut back plant material, use taller risers for low sprinklers, cap unnecessary sprinklers
CVWD	Johnson, Sharon	1	Rancho Cucamonga	No Test	0.16	40	198	0	Plan drawn up for multi-phase turf removal

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MVWD	Sandrik, Scott	1	Chino	No Test	0.055991736	192	68	0.284689994	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.



MVWD	Thorp, Bruce	1	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	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	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	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	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	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	Montclair		0.03859045	39	46	0	Make sure microspray tubing is attached, reduce overspray, repair broken nozzles
MVWD	Ponce, Jesus	1	Montclair	0.45	0.162052342	520	200	0.734683855	Reduce overspray, correct tilted sprinklers, use VANS for curved edges
MVWD	Penado, Ana	1	Montclair		0.042470156	320	53	0.613001842	Use taller risers for low sprinklers, cut back plant material, use a pressure regulator, reduce sprinkler radius, repair leaking sprinklers, use vans on curved areas,
MVWD	Tarango, Flora	1	Montclair	0.67	0.066184573	62	82	0	Cap unnecessary sprinklers, reduce sprinkler radius, install pressure regulator, repair leaking valve, convert planter to microspray, repair broken and leaking sprinklers
MVWD	Guerra, Nancy	1	Montclair		0.046418733	127	57	0.160712093	Replace bad valve, cut back plant material, repair leaking sprinklers, replace brass heads, reduce sprinkler radius
MVWD	Rodriguez, Leticia	1	Montclair	0.32	0.057644628	44	72	0	Correct tilted sprinklers, install pressure regulator, repair leaking valve
MVWD	Flores, Rosemary	1	Montclair		0.09				Use one type of sprinkler per station, replace brass heads, adjust sprinklers so they're irrigating plant material only, adjust spray radius, cap unnecessary emitters
MVWD	Curtis, Joan	1	Montclair	0.47	0.1				Fix leaks and breaks to increase available pressure, correct tilted sprinklers, use check valves, repair leaking valve, clean and fix rotor that isn't rotating, clean clogged sprinklers, replace missing sprinkler nozzle

MVWD	Anderson, John	1	Montclair	0.66	0.05				Replace missing nozzles, reduce sprinkler radius, adjust sprinklers so they're irrigating only plant material, use correct nozzles on corners, clean clogged sprinklers
MVWD	Immekus, Larry	1	Montclair	No Test	0.04	83	47	0.08	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Ponce, Noemi	1	Montclair	0.56	0.11	133	128	0.01	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Roman, Dulce	1	Montclair	No Test	0.06	234	72	0.37	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Camara, Paulyne	1	Montclair	No Test	0.09	67	117	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
MVWD	Owens, Roscoe	1	Montclair	No Test	0.02	137	29	0.25	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Ledesma, Braulio	1	Montclair	No Test	0.04	228	56	0.39	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Stofferahn, Roger	1	Chino	No Test	0.15	520	184	0.77	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Landin, Jessica	1	Montclair	No Test	0.08	2	94	0	New customer, No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	David, Gloria	1	Montclair	No Test	0.05	62	68	0	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Bowman, Mary	1	Montclair	No Test	0.04	419	47	0.85	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Capetillo, Herminia	1	Montclair	No Test	0.08	102	101	0	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Celio, Dionicio	1	Montclair	No Test	0.07	98	91	0.02	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Vazir, Sarah	1	Montclair	No Test	0.07	113	91	0.05	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

MVWD	Galindo, Pablo	1	Montclair	No Test	0.11	260	133	0.29	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Diaz, Jason	1	Montclair	No Test	0.15	47	176	0	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Gluck, Bob	1	Chino	No Test	0.19	392	235	0.36	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Strikeforce Softball	1	Chino (Unicorporated)	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.

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Fontana Water Co.	Nerchain, Rennee	1	Fontana	No Test	0.07	0	82	0	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Fontana Water Co.	Le, Anh-Huy	1	Fontana	No Test	0.09	106	104	0	
Fontana Water Co.	Roebuck, Alan & Lisa	1	Fontana	No Test	0.09	185	104	0.19	
Fontana Water Co.	Desota, Rita	1	Fontana	No Test	0.0859045	230	104	0.289281768	Reduce overspray, fix broken sprinklers,
Fontana Water Co.	Daniels, Brenda	1	Fontana	No Test	0.02	66	26	0.09	Adjust sprinkler radius, use vans on curved areas, raise low sprinklers, repair or replace broken and leaking sprinklers, convert planters to microspray.
Fontana Water Co.	Morrison, Derek	1	Fontana	No Test	0.03	108	44	0.15	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

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

City of Ontario	Wilson, Kristen	1	Ontario	No Test	0.04	260	55	0.47	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Kyle, Thomas	1	Ontario	No Test	0.07	110	86	0.06	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Chiu, Jeff	1	Ontario	No Test	0.04	0	53	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Aguilera, Martin	1	Ontario	No Test	0.01	24	18	0.01	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Bradshaw, Darren	1	Ontario	No Test	0.04	165	48	0.27	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Novosel, Greg	14	Ontario	0.52	15.27	35341	18817	37.94	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Grace Yokley Middle School	8	Ontario	No Test	8.91	22255	10979	25.89	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Mountain View Elementary	4	Ontario	No Test	4.79	12018	5903	14.04	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Creek View Elementary	6	Ontario	No Test	7.37	16891	9083	17.93	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	First Edition HOA	1	Ontario	No Test	2.19	19642	2699	38.9	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Ranch View Elementary	3	Ontario		3.65	11426	4501	15.9	
City of Ontario	Gallegos, Leticia	1	Ontario		0.84	2796	1033	4.05	
City of Ontario	De Jong, Randy	3	Ontario	No Test	3.76	6447	4627	4.18	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Ontario	Schwab, Sheri	1	Ontario	No Test	1.72	-4066	2122	0	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.

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SUB-AGENCY	CUSTOMER	SITE	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.	Menerey, Michael	1	Upland	No Test	0.19	359	236	0.28	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Baur, Wal	1	Upland	No Test	0.23	725	274	1.04	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Hibbard, Duane	1	Upland	No Test	0.09	201	113	0.2	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Araujo, Iggy	1	Upland	No Test	0.21	943	262	1.56	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Sheard, Ian	1	Upland	No Test	0.14	199	168	0.07	No test done. Improve DU, Standardize all stations to one sprinkler type, Participate in rebate upgrade programs, fix any broken lines or heads.

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

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Upland	Bricker, Suzanne	1	Upland	No Test	0.07	127	81	0.11	Correct tilted sprinklers, repair leaking sprinklers, check microspray regularly
City of Upland	Ritchie, Kathleen	1	Upland	No Test	0.04	140	51	0.2	Repair leaking sprinklers, reduce overspray,
City of Upland	Gonzales, Dionicio	1	Upland	0.28	0.1	216	118	0.224996931	Reduce overspray, replace brass heads, change sprinkler layout in back yard,
City of Upland	Brotzman, Stephanie	1	Alta Loma		0.261271809	211	161	0.114794352	Convert shrub irrigation to microspray, use only one type of sprinkler for each station, repair broken and leaking sprinklers, turn GPM down on bubblers, install pressure regulator,
City of Upland	Franz, Sue	1	Upland	0.45	0.145431589	462	199	0.603818293	Repair leaking sprinklers, raise low sprinklers, use correct nozzles, adjust sprinklers to irrigate only turf material, use vans on curved areas, cut back plant material

City of Upland	Richmond, Karen	1	Upland		0.127318641	351	157	0.445402087	Correct tilted sprinklers, install pressure regulator, use only one type of sprinkler, cut back plant material, repair leaking sprinklers, repair leaking valves, use 180s instead of sidestrips, raise low sprinklers
City of Upland	Anderson, John	1	Upland	0.41	0.06				Replace missing nozzles, clean clogged sprinklers, adjust sprinklers to only irrigate plant material, use correct nozzles
City of Upland	Hessabi, Najla	1	Upland	No Test	0.07	154	83	0.16	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Upland	Engles, Bruce	1	Upland	No Test	0.04	185	55	0.3	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.
City of Upland	Water Facilities Authority	1	Upland	0.28	0.095730028	216	118	0.224996931	Repair torn drip line, reduce overspray, make sure sprinkler types are uniform,
City of Upland	Mountain Villas HOA	1	Upland	0.5	1.95	661	2406	9.65	Improve DU, Standardize all stations to one sprinkler type, Use VANS on curved edges, fix any broken lines or heads.

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

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
City of Chino	Lopez, Julian	JL	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	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	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	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	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	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	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	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.

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

SUB-AGENCY	CUSTOMER	SITE	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	Surdam, Gary	GS	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	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	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	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	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	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	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	Rancho Cuca	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	Rancho Cuca	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.
CVWD	San Miguel, Arnold	AS	Rancho Cuca	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.

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



SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
CVWD	Read, Garreth	GR	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	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	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	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	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	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	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	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	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	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.

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

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Hicks, George	GH	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	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	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	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	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
MVWD	Flores, Johana	JF	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	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	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.

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

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Fernandez, Richard	RF	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	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	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	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	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	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	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	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	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	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.

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

SUB-AGENCY	CUSTOMER	SITE	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 Co.	West, Cindy	CW	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	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	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.
City of Ontario	Wapner, Alan	AW	Ontario	58%	0.10	367	127	0.41	DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Borden, Donna	DB	Ontario	65%	0.06	209	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	Freeman, Brad	BF	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	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	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	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	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.
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**FY 13/14** Summary of Findings from Residential and Commercial Institutional and Industry Evaluations Phase III Landscape Evaluation Audit Program

SUB-AGENCY	CUSTOMER	SITE	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	Coxen, David	DC	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	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	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	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	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	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	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	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.

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

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
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City of Ontario	Farkas, Dave	DF	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	Cotey, Susan	SC	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	Ontario	No Test	0.11	529	140	0.89	No test. Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Oakmont Greystone Industrial Park O.A.	1	Ontario	62%	0.76	2102	941	2.67	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads, make adjustments to nozzles.
City of Ontario	Oakmont Greystone Industrial Park O.A.	1	Ontario	68%	0.82	1637	1011	1.44	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Oakmont Greystone Industrial Park O.A.	1	Ontario	No test	1.53	4432	1888	5.84	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
San Antonio Water Co.	Gerardi, John	JG	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	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	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.

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

SUB-AGENCY	CUSTOMER	SITE	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	Wenger, Aleta	AW	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	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	Guadarrama, Rosa	RG	Upland	41%	0.42	645	512	1.18	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Cobbs, Wilbert	WC	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	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	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	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	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	Upland	No Test	0.18	240	227	0.05	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.No test, too many issues with distribution.

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

SUB-AGENCY	CUSTOMER	SITE	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	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	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	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 Cuca	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 Cuca	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 Cuca	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	Rancho Cuca	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	Rancho Cuca	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	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	Rancho Cuca	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	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	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	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	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	Rancho Cuca	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	Payne, James	Payne, James	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	Rancho Cuca	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		Rancho Cuca	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	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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		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.		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.		Rancho Cuca	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		Rancho Cuca	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(Co	Commerical Busine	Rancho Cuca	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	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		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	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	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	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.



MVWD	Khosroshahin, Meh	Khosroshahin, Meh	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		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	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		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		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	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	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		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		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	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		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 CII Phase III Landscape Audit Program

SUB-AGENCY	CUSTOMER	SITE	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	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	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	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	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	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	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	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	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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	Rancho Cuca	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
CVWD	Lerette, Caroline	Lerette, Caroline	Rancho Cuca	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.
MVWD	Mozaquites, Joe	Mozaquites, Joe	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	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	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	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	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	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	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	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	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	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	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	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	Southern California	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	Southern California	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	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	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.
City of Ontario	Anthony Munoz Par	Anthony Munoz Par	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 Par	Anthony Munoz Par	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 Underpas	Archibald Underpas	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 - Soc	De Anza Park - Soc	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.

City of Ontario	Eculid Median - Fra	Eculid Median - Fra	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Eculid Median - Fra	Eculid Median - Fra	Ontario	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City	Waiting for additional info from City		Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Eculid Median - Fra	Eculid Median - Fra	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	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	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	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	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	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, Kam	Hassanzadeh, Kam	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	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	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	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
San Antonio Water Co.	McKernan, Carole	McKernan, Carole	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, Virgin	Christiansen, Virgin	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	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	City of Upland - City	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 - Libr	City of Upland - Libr	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	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	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	1.00	me site as ab	me site as ab	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	Upland	60%	0.39	me site as ab	me site as ab	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	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	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	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	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	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	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	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	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
<b>GRAND TOTAL</b>					<b>65,200.00</b>			<b>0.00</b>	



SUB-AGENCY	CUSTOMER		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	Chaffey College - Chino	1	Chino	59%	2.63	4,717	3,237	3.40	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Chino	Navarro, Maomi	1	Chino	42%	0.09	77	113	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Chino Hills	Morad, Aida	1	Chino Hills	69%	0.30	788	365	0.97	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Quezada, Albert	1	Chino Hills	38%	0.07	132	87	0.10	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Rios, Gloria	1	Chino Hills	65%	0.36	742	442	0.69	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
Chino Hills	Sautter, Barbara	1	Chino Hills	62%	0.13	105	159	0.00	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
Chino Hills	Arain, Mohammad		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		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	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	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	Rancho Cuca	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 Elem	Jeff	Rancho Cuca	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		Rancho Cuca	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		Rancho Cuca	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		Rancho Cuca	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		Rancho Cuca	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
CVWD	Ruth Musser		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		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	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		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		Fontana, CA	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		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		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	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	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	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	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	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	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	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	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	Montclair	No Test	0.10	91	151	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Aguilar, Adela	1	Chino	63%	0.22	508	268	0.55	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU

MVWD	Craig, Edwin	1	Montclair	55%	0.06	122	72	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Thomson, Johanna	1	Montclair	56%	0.09	308	108	1.11	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Jones, Douglas	1	Montclair	No Test	0.08	440	99	0.78	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Zepeda, Lourdes	1	Montclair	68%	0.04	111	50	0.14	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Vazir, Sarah	1	Montclair	55%	0.08	362	102	0.60	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Blanco, Xiomara	1	Montclair	No Test	0.06	197	78	0.27	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
MVWD	Calderon, Gracie	1	Montclair	56%	0.09	340	111	0.53	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Diego, Angelina	1	Montclair	41%	0.02	345	25	0.73	Standardize all stations to one sprinkler type, Install Weather Based System, Participate in all nozzle upgrade programs, fix any broken lines or heads, Improve DU
MVWD	Navarro, Bernice	1	Ontario	62%	0.13	341	159	0.42	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Cuthbertson, Pam	1	Ontario	No Test	0.07	10	81	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Dorion, Rick	1	Ontario	64%	0.12	141	146	0.00	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Ontario	Akzo Nobel		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 Water Co.	Life Bible Fellowship Church		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		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		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		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		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.

City of Upland	Chapman, Sharon		Upland	23%	0.05	118	64	0.12	Improve DU, Standardize all stations to one sprinkler type, Participate in all nozzle upgrade programs, fix any broken lines or heads.
City of Upland	Binkley, Charles & Sheila		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		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		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		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		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		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		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		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		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		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		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		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		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		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		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		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
City of Upland	Mt View Free Methodist Church		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		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		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
SUB-AGENCY	CUSTOMER	SITE	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	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	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	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)	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	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	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	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	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	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	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	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	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	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	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
SUB-AGENCY	CUSTOMER	SITE	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	Swingle, Richard	Swingle, Richard	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)	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	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
City of Chino Hills	Chino Valley Fire District #64	Chino Valley Fire District #64	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 Chino Hills	Chino Valley Fire District Station #66	Chino Valley Fire District Station #66	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
SUB-AGENCY	CUSTOMER	SITE	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	Cuthbertson, Pam	Cuthbertson, Pam	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	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	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	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	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
SUB-AGENCY	CUSTOMER	SITE	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	Mallorca HOA	Mallorca HOA	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	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	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	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	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	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	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	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	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	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	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	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.
SUB-AGENCY	CUSTOMER	SITE	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 Church	St Peter & St Paul Catholic Church	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	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	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	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	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	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	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	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



SUB-AGENCY	CUSTOMER	SITE	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	Chaffey College - Fontana	Chaffey College - Fontana	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
SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	ALJ INVESTMENT CO LLC	ALJ INVESTMENT CO LLC	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	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	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	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	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	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	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	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.
MVWD	Applegate HOA	Applegate HOA	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	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	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	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	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	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	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 Res	Sahagian, John Res	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	SITE	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	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	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	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	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	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	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	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	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	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	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.	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	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	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	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	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	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.	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
City of Chino	Almac Felt Co	Almac Felt Co	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.	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	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
City of Chino	Kumar Industries	Kumar Industries	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	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	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	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	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	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	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	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	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	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	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

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City of Chino Hills	Orakridge HOA	Orakridge HOA	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	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	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	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	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 Pa	Rolling Ridge La Pa	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 Pa	Haven Business Pa	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.
City of Ontario	First Assembly of God Church - Ontario	First Assembly of God Church - Ontario	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

SUB-AGENCY	CUSTOMER	SITE	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	Barbara Papakonsta	Barbara Papakonsta	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

SUB-AGENCY	CUSTOMER	SITE	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	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	Ontario	56%	2.60	14,005	3,752	23.5	Participate in nozzle upgrade programs
CVWD	Donn Cushing	Donn Cushing	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	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	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.	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	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	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	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	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	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	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	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	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	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	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

CVWD	LDS Church Baseline	LDS Church Baseline	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	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	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	Micahel Camacho	Micahel Camacho	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

**FY 08/09**

SUB-AGENCY	CUSTOMER	SITE	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	Sieroty Co - 10681	Sieroty Co - 10613	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	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

**FY 08/09**

SUB-AGENCY	CUSTOMER	SITE	CITY	Average Irrigation Uniformity	Irrigated Acreage	Estimated Water Applied in CCF/HCF	Estimated Water Needs (Annually CCF/HCF)	Potential Savings AF/YR	Recommendations
MVWD	Cimarron Oaks II	Cimarron Oaks II	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	Montclair	50%	2.11	3,261	4,680	5.0	Participate in nozzle upgrade programs
MVWD	Montclair Townhomes HOA	Montclair Townhomes HOA	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	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	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	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	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	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	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	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
MVWD	D & C Investment Properties	D & C Investment Properties	Montclair	No Test	0.10	1,031	152	2.00	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	D & C Investment Properties	D & C Investment Properties	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.
MVWD	Sullivans Ranch HOA	Sullivans Ranch HOA	Chino	No Test	0.308	1254	379	2.01	Standardize 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	Superior Property Managemt	Superior Property Managemt	Montclair	54%	0.079	357	112	0.56	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

**FY 07/08**

SUB-AGENCY	CUSTOMER	SITE	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	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.	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	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	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 In	Beckman Coulter In	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 Ontario	Dale Briggs	Dale Briggs	Ontario	62%	0.07	586	166	1	Improve DU, Install Weather Based System, Fix broken lines, Standardize all station to one type of sprinkler
City of Upland	Mountain Green Shopping Center/Pan Pacific Retail Properties	Mountain Green Shopping Center/Pan Pacific Retail Properties	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	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	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 Townho	Arrow Park Townho	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 Cor	Mountain Villas Con	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	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	Montclair	50.00%	1.34	8554	2971	8.50	Participate in nozzle upgrade programs
MVWD	Cambridge Park Townhome Apts	Cambridge Park Townhome Apts	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	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	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
MVWD	Christ Lutheran Church	Christ Lutheran Church	Chino	73%	1.93	3513	4185	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
MVWD	Borders Books & Music	Borders Books & Music	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	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	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	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	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	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	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**



Date: \_\_\_\_\_

## Residential Home Pressure Regulation Pre-Qualification Check-List

<b>Retail Agency:</b>		
Account No.		
First Name		
Last Name		
Street Address		
City		
Zip		
Phone No.		
Alt. Phone No.		
E-mail Address		
Year of Home		
Lot Size		
	Yes	No
Do you have an existing Pressure Reduction Valve?		
Is current home pressure available?		
	<b>If yes, PSI</b>	
<b>Additional Notes</b>		



## **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):*

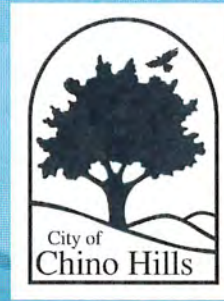
\_\_\_\_\_  
*Name and title of person to be included in the discussion of the results of this Project*

**For questions, please contact:**

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



# Take the **PRESSURE OFF**

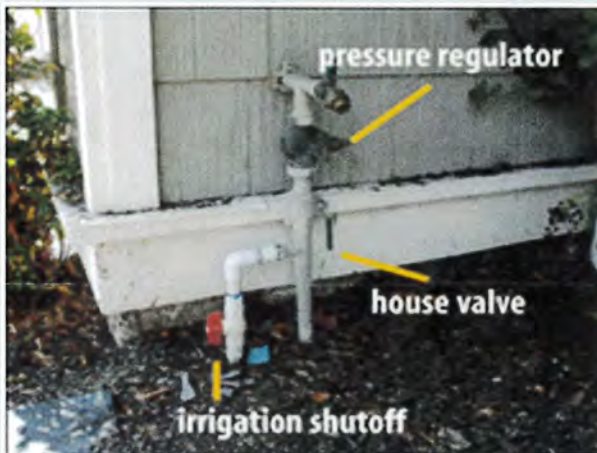


Do you have:

- **Faucets that Leak When they are Turned Off?**
- **A High Rate of Water Flow When You Turn on the Faucet?**
- **A Water Pressure Regulator?**

You may have a high water pressure problem! See if you qualify for this **FREE** program! Limited grant funding will be used to repair or replace your water pressure regulator on a first come, first- served basis.

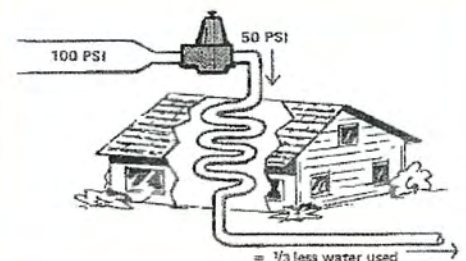
**Take Advantage of the FREE Water Pressure Regulator Repair or Replacement Program**



Installing a water regulator may:

- **SAVE Water and Energy**
- **SAVE on Maintenance Costs**
- **INCREASE the Life of Appliances**
- **INCREASE the Longevity of Home Pipes**

Contact the Public Works Department for more information or to enroll in this **FREE** Program! A licensed plumber will check and repair or replace your water pressure regulator if you qualify. Call **(909)364-2804** or email [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org)

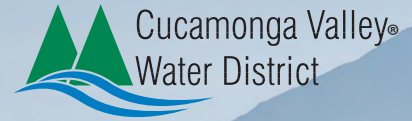




# Got high water pressure?

## *Pressure Regulator Valve*

## *Install Program* A No-Cost, Water-Saving Program!



*Service Beyond Expectation*

### WHAT'S INCLUDED

- A pressure test and inspection for existing PRV for indoor water use
- Repair or replacement of existing PRV
- If there is no existing PRV, a new one will be installed
- All work to be performed by a certified plumber

Call today to participate!

(909) 987-2591

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

### DETAILS & REQUIREMENTS

- Indoor water pressure must be greater than 140 pounds per square inch (PSI)
- Your new water pressure will be set at the industry standard of 70 PSI
- You must keep your PRV in place for two years
- Please note: Going from 140 PSI+ to 70 PSI will alter the water pressure in your home

Installing a PRV can help increase the life of your appliances and help save water.



*Service Beyond Expectation*

10440 Ashford St., Rancho Cucamonga, CA 91730

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

## **Take the Pressure Off Your Pipes!**

CVWD and partnering agencies are offering the Pressure Regulator Valve program to assist customers with high water pressure in their homes. CVWD has identified you as a possible candidate to take advantage of this no-cost program (some restrictions apply). You are not required to participate, but we hope you will take advantage of this valuable opportunity.



Cucamonga Valley®  
Water District

*Service Beyond Expectation*

### **Take the Pressure Off Your Pipes!**

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Got high water pressure?

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A No-Cost, Water-Saving Program!

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### DETAILS & REQUIREMENTS

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- Your new water pressure will be set at the industry standard of 70 PSI
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Please note: Going from 140 PSI+ to 70 PSI will alter the water pressure in your home.

Installing a PRV can help increase the life of your appliances and help save water.

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Please note: Going from 140 PSI+ to 70 PSI will alter the water pressure in your home.

Installing a PRV can help increase the life of your appliances and help save water.



ONTARIO  
MUNICIPAL  
UTILITIES  
COMPANY

# Take the pressure off your pipes!

Did you know that your water pressure could be as high as 125 psi (pounds per square inch)? Using a pressure regulator valve could lower it to 50-75 psi.

*Free to qualifying  
residents*



Installing a pressure regulator valve will increase the life of your appliances and help you conserve water.

Please contact [abonczewski@ontarioca.gov](mailto:abonczewski@ontarioca.gov) or call 909-395-2614 for more information.

## **Appendix D**

**FreeSprinklerNozzles.com**

# FreeSprinklerNozzles.com Program Summary Report (FY 2016-2017)

## Vouchers

Total Requested:	228
Redeemed:	91
Total Redemption Rate:	39.91%

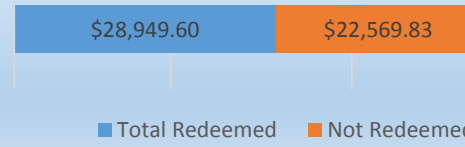
## Nozzles

Total Requested:	12,525
Redeemed:	7,038
Total Redemption Rate:	56.19%

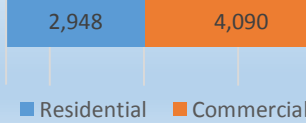
## Budget

Total Requested	\$51,519.43
Redeemed:	\$28,949.60
Not Redeemed:	\$22,569.83

## Total Budget (\$51,519)



## Res vs. Com Nozzles Installed (7,038)



## Res vs. Com Nozzles Installed

Total Residential Requested:	5,915
Total Residential Redeemed:	2,948
Total Residential Redemption Rate:	49.84%

Total Commercial Requested:	6,610
Total Commercial Redeemed:	4,090
Total Commercial Redemption Rate:	61.88%

## Nozzles Statistics

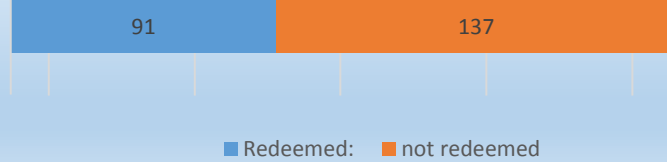
### RESIDENTIAL

### COMMERCIAL

### TOTAL

	RESIDENTIAL			COMMERCIAL			TOTAL		
	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	NOZZLES PER VOUCHER (AVG)	REDEMPTION RATE	REQUESTED	REDEEMED
CITY OF CHINO	340	200	58.82%	0	0	0	0.00%	340	200
CITY OF CHINO HILLS	325	124	38.15%	0	0	0	0.00%	325	124
CITY OF ONTARIO	1,225	427	34.86%	0	0	0	0.00%	1,225	427
CITY OF UPLAND	375	174	46.40%	0	0	0	0.00%	375	174
CVWD	2,800	959	34.25%	6,610	4,090	2,203	61.88%	9,410	5,049
MONTE VISTA WD	850	1,064	125.18%	0	0	0	0.00%	850	1,064
<b>TOTAL</b>	<b>5,915</b>	<b>2,948</b>	<b>49.84%</b>	<b>6,610</b>	<b>4,090</b>	<b>602</b>	<b>61.88%</b>	<b>12,525</b>	<b>7,038</b>

## Total Vouchers (228)



## Voucher Statistics

### RESIDENTIAL

### COMMERCIAL

### TOTAL

	RESIDENTIAL			COMMERCIAL			TOTAL	
	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED
CITY OF CHINO	9	6	66.67%	0	0	0.00%	9	6
CITY OF CHINO HILLS	13	5	38.46%	0	0	0.00%	13	5
CITY OF ONTARIO	49	17	34.69%	0	0	0.00%	49	17
CITY OF UPLAND	13	6	46.15%	0	0	0.00%	13	6
CVWD	112	36	32.14%	3	2	66.67%	115	38
MONTE VISTA WD	29	19	65.52%	0	0	0.00%	29	19
<b>TOTAL</b>	<b>225</b>	<b>89</b>	<b>39.56%</b>	<b>3</b>	<b>2</b>	<b>66.67%</b>	<b>228</b>	<b>91</b>



# FreeSprinklerNozzles.com Program Summary Report (Program to Date)

## Vouchers

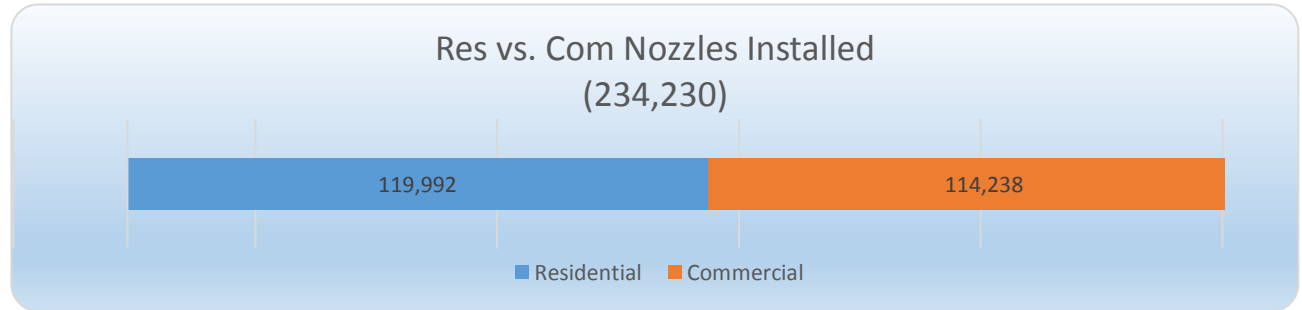
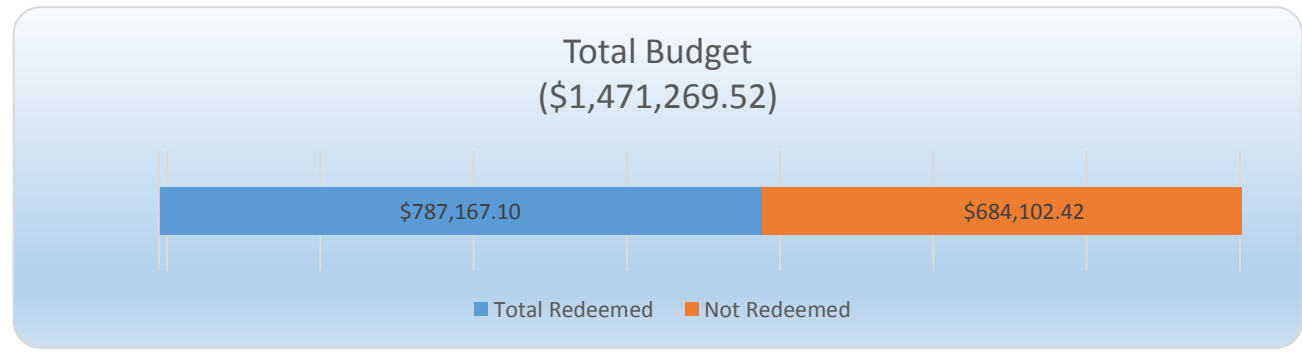
Total Requested:	11,885
Redeemed:	5,213
Total Redemption Rate:	43.86%

## Nozzles

Total Requested:	437,792
Redeemed:	234,230
Total Redemption Rate:	53.50%

## Budget

Total Requested	\$1,471,269.52
Redeemed:	\$787,167.10



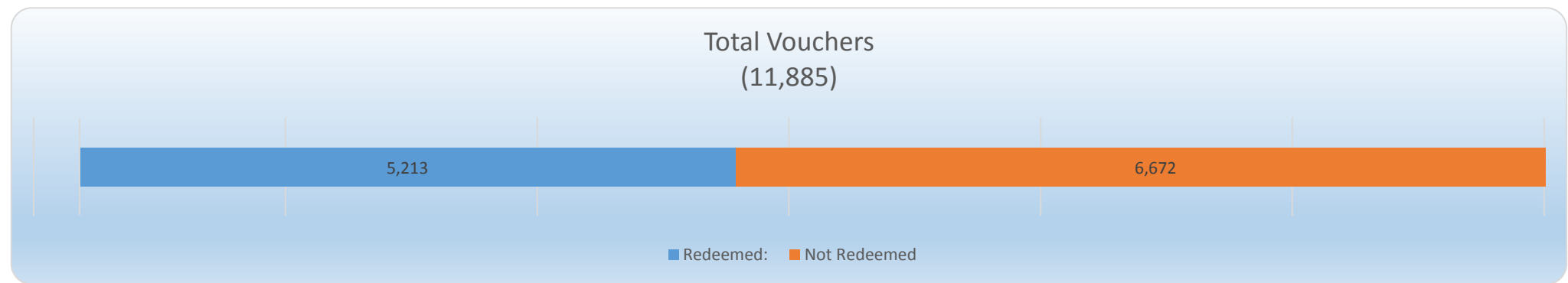
## Res vs. Com Nozzles Installed

Total Residential Requested:	283,922
Total Residential Redeemed:	119,992
Total Residential Redemption Rate:	42.26%

Total Commercial Requested:	153,870
Total Commercial Redeemed:	114,238
Total Commercial Redemption Rate:	74.24%

## Nozzles Statistics

	RESIDENTIAL			COMMERCIAL			TOTAL		
	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	NOZZLES PER VOUCHER (AVG)	REDEMPTION RATE	REQUESTED	REDEEMED
CITY OF CHINO	10,708	3,915	36.56%	5,955	5,855	145.2	98.32%	16,663	9,770
CITY OF CHINO HILLS	21,248	8,853	41.67%	19,035	5,172	352.5	27.17%	40,283	14,025
CITY OF ONTARIO	30,446	11,197	36.78%	20,056	16,097	160.4	80.26%	50,502	27,294
CITY OF UPLAND	53,494	27,768	51.91%	17,237	11,879	161.1	68.92%	70,731	39,647
CVWD	139,790	56,912	40.71%	83,451	70,304	521.6	84.25%	223,241	127,216
MONTE VISTA WD	28,236	11,347	40.19%	8,136	4,931	109.9	60.61%	36,372	16,278
<b>TOTAL</b>	<b>283,922</b>	<b>119,992</b>	<b>42.26%</b>	<b>153,870</b>	<b>114,238</b>	<b>274.3</b>	<b>74.24%</b>	<b>437,792</b>	<b>234,230</b>



## Voucher Statistics

	RESIDENTIAL			COMMERCIAL			TOTAL	
	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED	REDEMPTION RATE	REQUESTED	REDEEMED
CITY OF CHINO	431	161	37.35%	41	40	97.56%	472	201
CITY OF CHINO HILLS	855	363	42.46%	54	10	18.52%	909	373
CITY OF ONTARIO	1,224	457	37.34%	125	100	80.00%	1,349	557
CITY OF UPLAND	2,138	1,111	51.96%	107	85	79.44%	2,245	1,196
CVWD	5,606	2,300	41.03%	160	135	84.38%	5,766	2,435
MONTE VISTA WD	1,070	408	38.13%	74	43	58.11%	1,144	451
<b>TOTAL</b>	<b>11,324</b>	<b>4,800</b>	<b>42.39%</b>	<b>561</b>	<b>413</b>	<b>73.62%</b>	<b>11,885</b>	<b>5,213</b>

## **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**
  - **Ontario Municipal Utilities Company**
  - **Inland Empire Utilities Agency**

*National Theatre for Children*

*FY 2016-2017*



Teach. Entertain. Inspire.



*Inland Empire Utilities Agency*

A MUNICIPAL WATER DISTRICT

the **WATER PIRATES**  
*of Neverland*

**Water Conservation In-School Program  
Final Evaluation Report  
Winter 2017**

**NTC**

The National Theatre for Children



# the WATER PIRATES of Neverland

*Water Pirates was great. My students were actively engaged and interested in what was happening. I wish you could come back with other productions for our students. We are a Title 1 school and many of these kids have never seen a play. This was a great experience for them and enjoyable for the staff.*

Erine Ames  
5<sup>th</sup> Grade Teacher, Montera Elementary  
Montclair, California

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Educator Comments .....	Page 15-19
Media .....	Page 20-21
Tour Schedule .....	Page 22-23

## EXECUTIVE SUMMARY

During the winter of 2017, Inland Empire Utilities Agency (IEUA) reached out to elementary school students through *The Water Pirates of Neverland: The Search for the Great Green Octopus*, produced and delivered by The National Theatre for Children (NTC). The program provided an excellent way to reach out to IEUA communities, with important educational messages about water usage and conservation. From January 23 through March 9, 2017, NTC reached a reported 22,772 students, as well as 958 teachers.

*The Water Pirates of Neverland* featured live in-school assemblies, student playbooks, teacher guides and online digital activities and games. The comprehensive program was delivered to 51 schools over that time frame.

The following NTC Final Evaluation Report is a detailed compilation of IEUA's water conservation program and includes:

- Teacher Evaluation Summary: Teachers' written responses to questions about the *Water Pirates of Neverland* program. Teachers rated the overall educational value of the program 6.45 (on a scale of 1-7) and 97% reported they would like to see IEUA continue to offer this program to their school.
- Scheduling: On behalf of IEUA, NTC scheduled 92 performances in 51 schools throughout IEUA's distributors' service areas.
- Curriculum: NTC distributed 25,412 student playbooks and 1,020 teacher guides to participating schools, as well as online student playbooks and digital games and activities.
- Stakeholder Feedback: NTC received many comments from educators, including the following:

*Wonderful play and actors. Our students were engaged and excited about the program. The booklet is an effective way to send the message home with them as well.*

- Shannon Bowling, 1<sup>st</sup> Grade Teacher, Oak Park Elementary, Fontana, California

In conclusion, NTC met its objective of visiting 50 elementary schools and delivered a well-regarded, valuable water education program that impacted each community with a positive water conservation message on behalf of Inland Empire Utilities Agency.

NTC hopes we can continue our partnership for the 2017-18 school year!



## PROGRAM OVERVIEW



Through a live performance of *The Water Pirates of Neverland: The Search for the Great Green Octopus* by professional actors, supplemental educational materials, and digital games and activities, 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 *The Water Pirates of Neverland*, each school received:

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

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

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



## DISTRIBUTOR BREAKDOWN

- **City of Chino Public Works:**  
5 schools, 9 Performances  
2,706 Students, 113 Teachers



- **City of Chino Hills:**  
5 Schools, 9 Performances  
2,087 Students, 88 Teachers

- **Cucamonga:**  
10 Schools, 16 Performances  
4,050 Students, 169 Teachers



- **Fontana:**  
11 Schools, 23 Performances  
5,938 Students, 232 Teachers



- **Monte Vista:**  
6 Schools, 11 Performances  
2,700 Students, 133 Teachers



- **Ontario:**  
9 Schools, 14 Performances  
3,423 Students, 139 Teachers



- **Upland:**  
5 Schools, 9 Performances  
1,868 Students, 84 Teachers



## CLASSROOM PRINT MATERIALS

Each classroom at each participating school received printed program enrichment materials, including:

- Student playbooks with classroom and homework assignments
- Comprehensive teacher guides with classroom activities, additional resources and playbook answer key



## NTCPLAYWORKS.COM

NTCplayworks.com is NTC's educational resource for schools. The digital games, activities and videos related to our in-school theatre programs are hosted there for educators to use in their classrooms, enhancing the print materials and live-theatre performances delivered to schools.



## MEET THE ACTORS

### Winter 2017

Tour dates: January 23 through March 9, 2017

Program: *The Water Pirates of Neverland: The Search for the Great Green Octopus*

Actors: Eric Kearns and Ricki Phillipi



**Eric Kearns**

Originally from Edinburgh, Scotland and now residing in sunny California, you can find Eric often sporting his favorite clothing item, his handmade kilt! Last year, Eric starred in NTC's *Showdown at Dry Gulch* and is excited to be hitting the high seas in *The Water Pirates of Neverland* this winter.



**Ricki Phillipi**

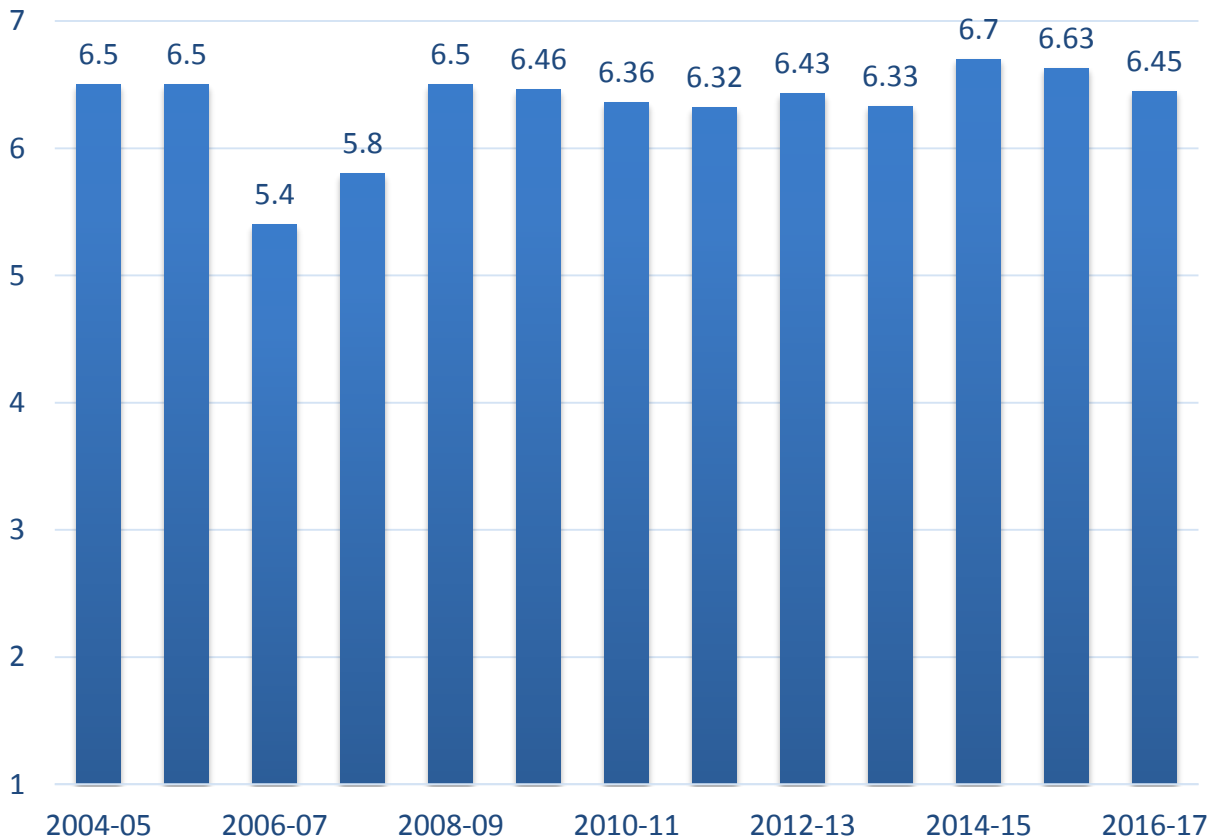
This is Ricki's second tour with NTC, and he's excited to be performing for students in California! Ricki resides in North Hollywood, CA and is excited to get his feet wet in NTC's *The Water Pirates of Neverland*.

## PROGRAM EVALUATION



Each teacher at each participating school is asked to complete a program evaluation. The following is a summary of these evaluations from IEUA's program *The Water Pirates of Neverland: The Search for the Great Green Octopus*

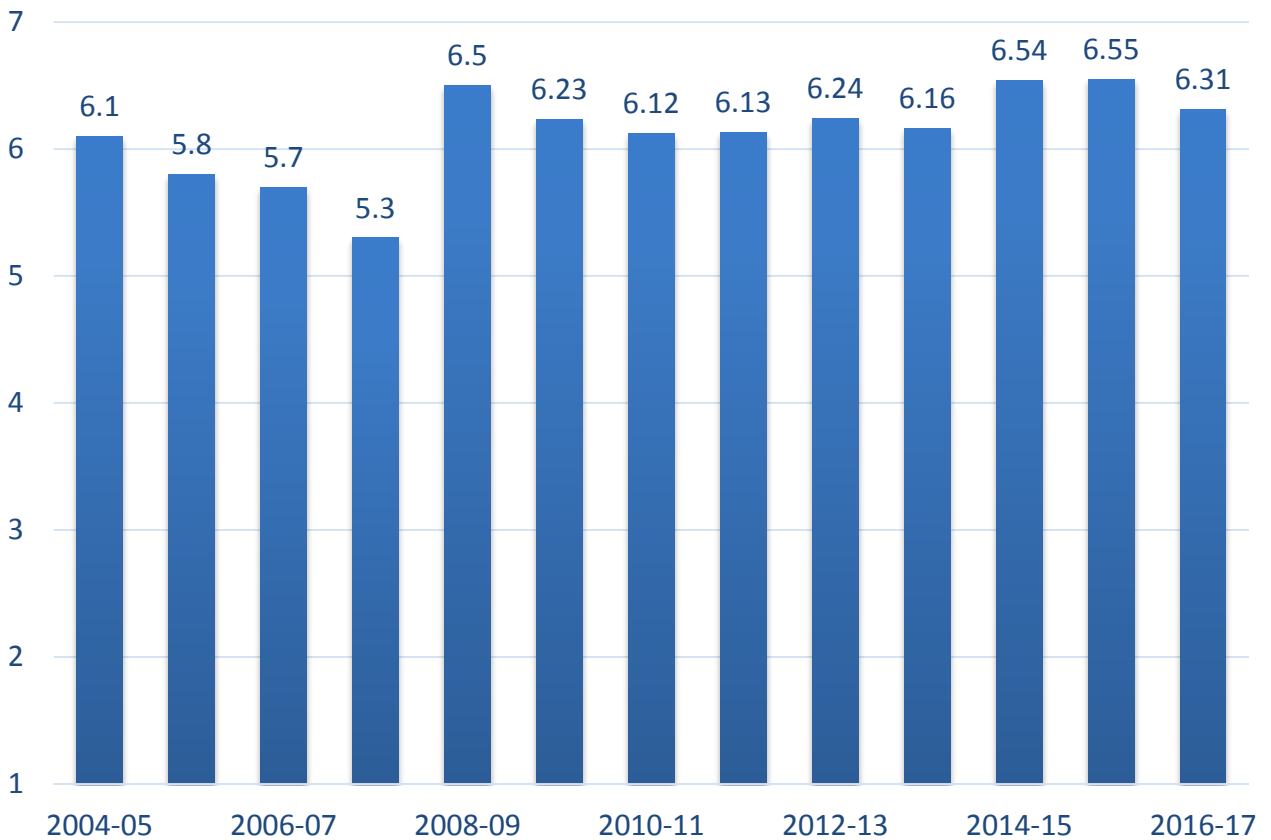
### Overall Educational Value



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**.



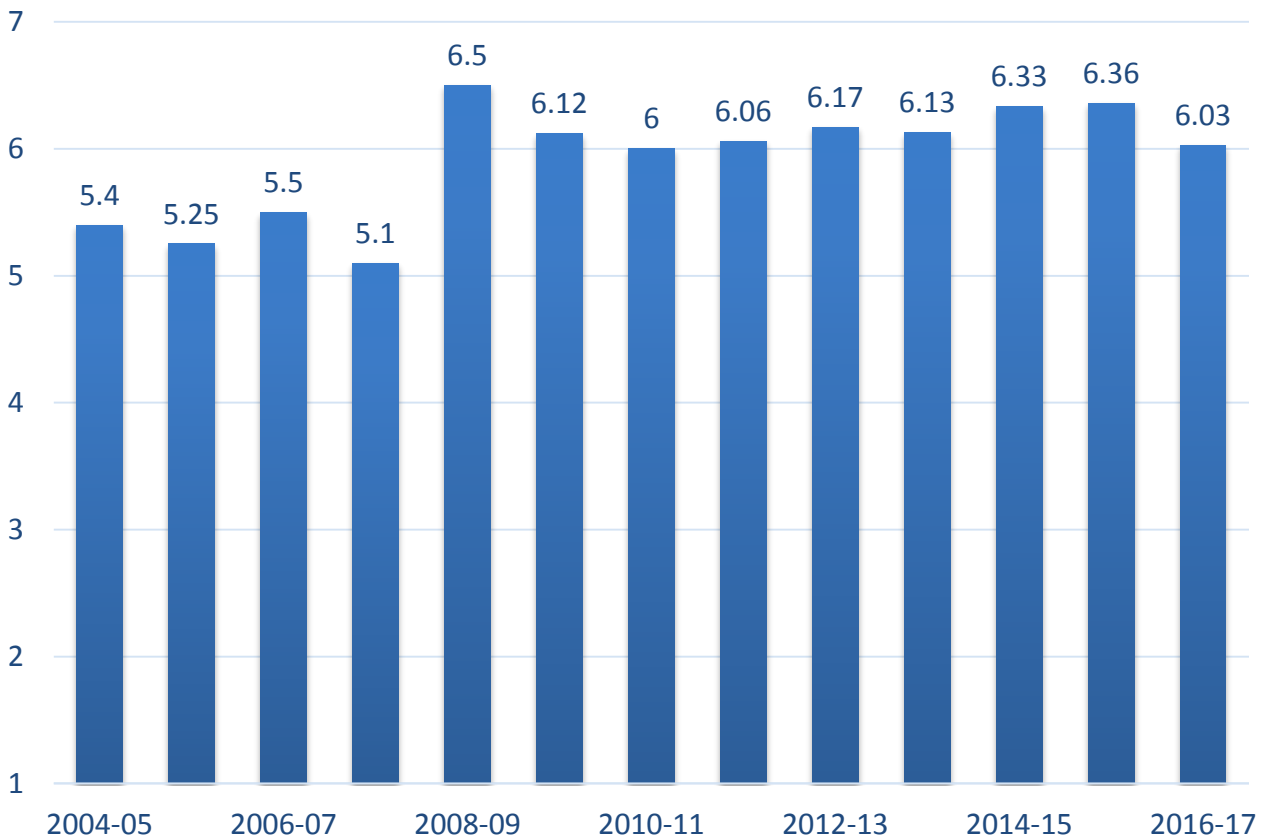
## STIMULATE CLASSROOM DISCUSSION



Teachers rated the program's ability to stimulate classroom discussion as a **6.31**.

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

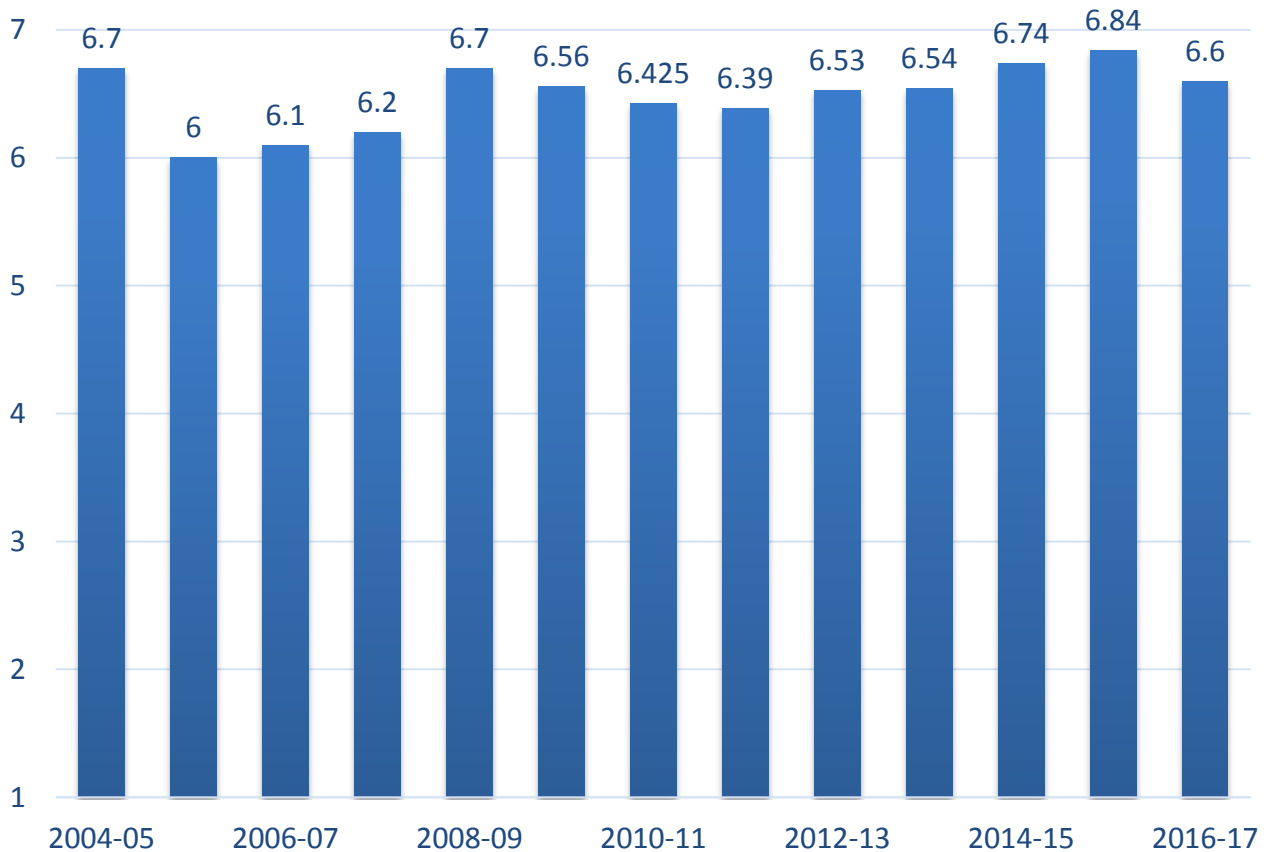
## LIKELIHOOD STUDENTS WILL RETAIN INFORMATION



Teachers rated the likelihood that students will retain the material covered in the program as a **6.03**.

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

## ABILITY FOR LIVE THEATRE TO INCREASE CAPACITY FOR RETAINING INFORMATION

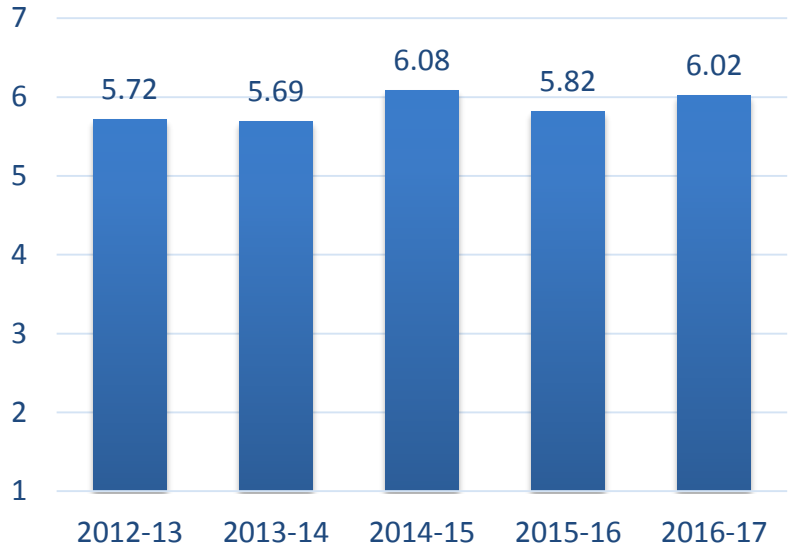


Teachers rated the use of live theatre to increase the students' capacity for retaining the messages as a **6.60**.

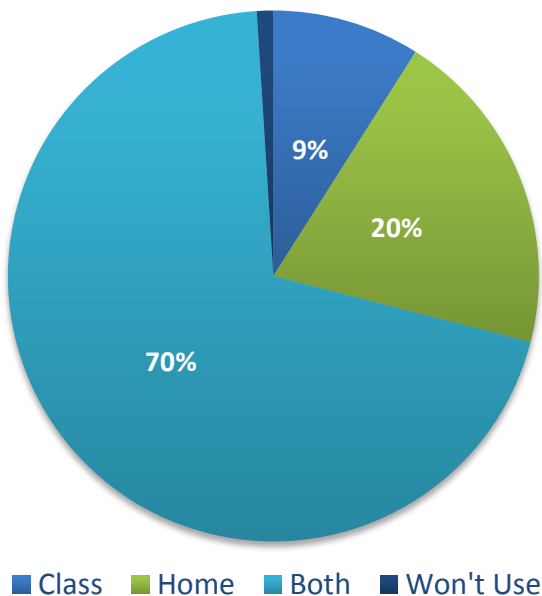
Based on a scale of 1 (lowest) to 7 (highest)

## PRINTED CURRICULUM

Overall, teachers rated the printed curriculum a **6.02** on a scale of 1 to 7.



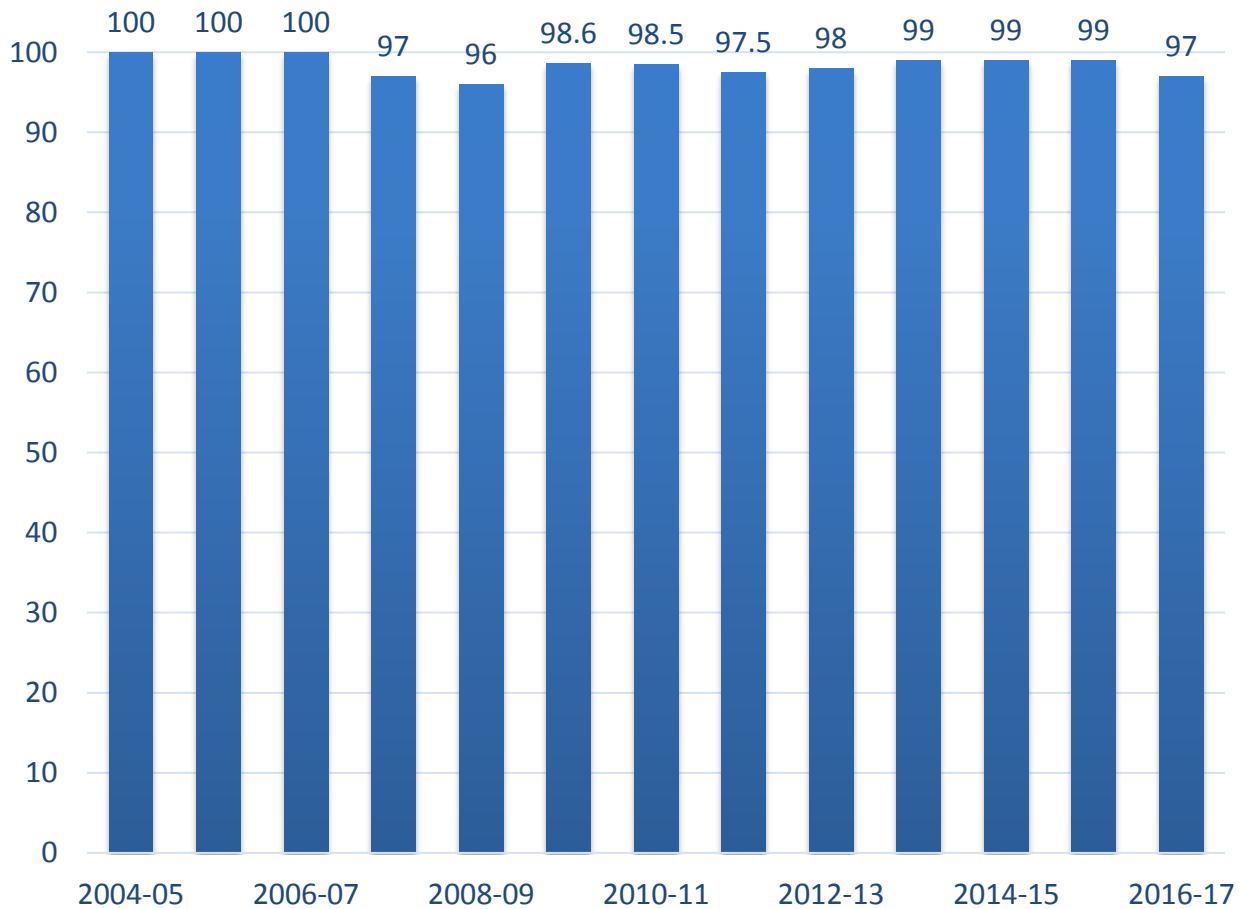
## WHERE TEACHERS PLAN TO USE THE CURRICULUM



Ninety-nine percent (**99%**) of teachers reported that they would use the printed curriculum in class, assign it as homework or both.



## TEACHERS WANTING PROGRAM TO CONTINUE



**97%** of educators who saw the program reported they would like to see *The Water Pirates of Neverland* again next year or a similar type of service in the future.

Graph indicates percentage of "yes" responses.

## WHAT THE TEACHERS ARE SAYING...

The following testimonials were taken directly (unedited) from the teacher evaluations relating to Inland Empire Utility Agencies' Winter 2017 tour. A complete list of educators' comments may be found in the attached document.

*My students really enjoyed the program. They talked about it for the rest of the day.*

Mr. Hackel, 1<sup>st</sup> Grade Teacher, Locust Elementary, Fontana, California

*This is a valuable program for students.*

Bonnie Thompson, Kindergarten Teacher, Locust Elementary, Fontana, California

*Water Pirates was great. My students were actively engaged and interested in what was happening. I wish you could come back with other productions for our students. We are a Title 1 school and many of these kids have never seen a play. This was a great experience for them and enjoyable for the staff.*

Erine Ames, 5<sup>th</sup> Grade Teacher, Montera Elementary, Montclair, California

*Theater is so necessary for our children to experience. Thank you for this valuable service you provide!!*

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

*This is a good program for young children. They are very involved with the show and participation with the actors.*

Sylvia Smith, 2<sup>nd</sup> Grade Teacher, Windrows Elementary, Etiwanda, California

*It was funny, creative, and the kids loved it. It really held the students' attention. Thank you sooooo much!*

Kim Kessler, 5<sup>th</sup> Grade Teacher, Walnut Elementary, Chino, California

*Thank you for providing this program for our school! My students love going to it each year.*

Shelly Sayeg, 5<sup>th</sup> Grade Teacher, Windrows Elementary, Etiwanda, California

*Great program, all of us loved it. Need to do one on recycling and trash.*

N. Jensen, 2<sup>nd</sup> Grade Teacher, Del Norte Elementary, Ontario, California

*The 2 actors were great and had the students' attention the entire time. Thank you for coming to our school. We need more organizations like yours.*

Traci Johnson, 3<sup>rd</sup> Grade Teacher, EJ Marshall Elementary, Chino, California

*My class thoroughly enjoyed the presentation. It was very informational. Thank you!*

Michele Haefner, 4<sup>th</sup> Grade Teacher, Windrows Elementary, Etiwanda, California

*This year's performance was very well done by the actors. It captivated the audience. Thank you for bringing it to our school every year. It's a great message.*

Holly Burton, 1<sup>st</sup> Grade Teacher, Howard Cattle Elementary, Chino, California

## WHAT THE TEACHERS ARE SAYING...

*The actors we had were phenomenal! They were so funny and they captivated the children from the moment they stepped out on stage. I think they deserve a raise or bonus. Captivating children nowadays is hard to do. Kudos to them and keep on doing what you do. We love it.*

Maria Martin, 3<sup>rd</sup> Grade Teacher, Del Norte Elementary, Ontario, California

*The kids had a lot of fun and the actors were very good and professional. They interacted well with the students.*

Deven Phillips, 2<sup>nd</sup> Grade Teacher, Vineyard STEM Academy, Ontario, California

*The performers had great energy and focus. I like the way they were able to play multiple roles.*

Elisabeth Doran, 4<sup>th</sup> Grade Teacher, Buena Vista Arts-Integrated Magnet School, Montclair, California

*The students really enjoyed the assembly. It was educational and fun for the kids!*

Desiree Gilbert, 1<sup>st</sup> Grade Teacher, Vineyard STEM Academy, Ontario, California

*These guys are always funny. The kids love the program even though they see a similar one each year.*

Zampach, 5<sup>th</sup> Grade Teacher, Vineyard STEM Academy, Ontario, California

*This is the one assembly that can grab and HOLD all kids' attention for 30 minutes. Fantastic Job!*

Amanda Howser, 3<sup>rd</sup> Grade Teacher, Vineyard STEM Academy, Ontario, California

*Wonderful play and actors. Our students were engaged and excited about the program. The booklet is an effective way to send the message home with them as well.*

Shannon Bowling, 1<sup>st</sup> Grade Teacher, Oak Park Elementary, Fontana, California

*Performance was really entertaining for the students and teachers!!! Excellent job!!*

Ms. Lopez, 1<sup>st</sup> Grade Teacher, Oak Park Elementary, Fontana, California

*The actors did a phenomenal job! They kept the kids' focus as well as helped them to learn the content. Thank you for providing this type of assembly for our school!*

Meg Ponce, Kindergarten Teacher, Buena Vista Arts Integrated Magnet School, Montclair, California

*Both actors were very entertaining. The students were so engaged. I enjoyed it myself. I liked that we received resources. I definitely reviewed the information ahead of time and my students were eager to see the performance.*

Erika, 2<sup>nd</sup> Grade Teacher, Howard Cattle Elementary, Chino, California

*My kindergartners loved the energetic actors. I liked that I was able to review the vocabulary words and story line prior to the play. The kids' anticipation for the play prior to seeing it was exciting.*

Birdwell, Kindergarten Teacher, Edison Academy, Ontario, California

## WHAT THE TEACHERS ARE SAYING...

*This program was not only great entertainment but also taught our students or reminded them of the importance of using water wisely. The students were engaged throughout the entire performance. Thank you for the student workbook material as well as the teacher guide and online classroom games. I plan to use them with my class.*

Ms. Joan Schatz, 3<sup>rd</sup> Grade Teacher, Central Elementary, Rancho Cucamonga, California

*This performance is both educational and entertaining for children! With the arts taking a hit through the past few years, this is EXACTLY what our children need! Plus they LOVE it!*

Morgan Brunjes, 1<sup>st</sup> Grade Teacher, Victoria Groves Elementary, Alta Loma, California

*My students and I really enjoyed the show and appreciate all the hard work and effort that goes into providing the show to us all. We can't wait to see another show in the future. Thanks again.*

Sarah Heywood, 4<sup>th</sup> Grade Teacher, Poplar Elementary, Fontana, California

*Students enjoyed the show very much and were engaged. My class had a discussion after the performance and students were able to recall important tips on how to save water.*

Sabrina Carlos, 3<sup>rd</sup> Grade Teacher, Victoria Groves Elementary, Alta Loma, California

*I always enjoy these programs, and they relate so well to my 4th grade curriculum. The students love the performances of the actors. It's always a treat having these programs at our school.*

Suzanne McDonough, 4<sup>th</sup> Grade Teacher, Creek View Elementary, Ontario, California

*The kids really enjoyed the actors. I think it's the perfect jumping off point for discussions after the performance.*

Laurie Mckellip, 2<sup>nd</sup> Grade Teacher, Briggs Elementary, Chino, California

*The actors were great and the show was funny and educational.*

Kathleen Young, 4<sup>th</sup> Grade Teacher, Anna Borba Elementary, Chino, California

*The play was funny and interesting for the students. I hope there are more opportunities for you to visit with this and other plays. Thank you for the show.*

Elsa Massey, 3<sup>rd</sup> Grade Teacher, Tokay Elementary, Fontana, California

*This program never disappoints! Every year they put on such a wonderful performance. Thank you for offering this program to our school.*

Lisa Wilson, 1<sup>st</sup> Grade Teacher, Newman Elementary, Chino, California

*The kids LOVED this show! So did I. The materials are great. The actors were awesome!!*

Tracy Hofmann, 1<sup>st</sup> Grade Teacher, Virginia Primrose Elementary, Fontana, California

*We watched The Water Pirates of Neverland! The actors Eric and Ricky. It was the best performance yet!*

Barbara Guerrero, 2<sup>nd</sup> Grade Teacher, Jasper Elementary, Alta Loma, California

## WHAT THE TEACHERS ARE SAYING...

*It was such a great show. The students love it. It was a nice and fun way of making students aware of issues concerning our community. It helps start a conversation among students and helps them pass the information to their families.*

Maria Sangalang, Pre-K Teacher, Primrose Elementary, Fontana, California

*I really enjoyed the performance and my students as well. I have 2nd graders and they are very engaged in something like this.*

Leticia De Luna, 2<sup>nd</sup> Grade Teacher, Anna Borba Elementary, Chino, California

*The students really enjoyed this performance. We look forward to learning more with the booklets left!*

Kristy Stevens, 1<sup>st</sup> Grade Teacher, Locust Elementary, Fontana, California

*I think that the actors are great and interact with the kids so well. They're good at their jobs and capture their attention. It is sometimes hard to hear or understand the accents (though they add great effect). I think the message put out is valuable and important for students to understand.*

Shelly Voors, 6<sup>th</sup> Grade Teacher, Cucamonga Middle School, Rancho Cucamonga, California

*The students enjoyed the performance very much. Maybe they will go home and talk to their parents about it.*

Jennifer Spurgeon, Kindergarten Teacher, Locust Elementary, Fontana, California

*The gentlemen that presented the assembly were fun, friendly, and informative.*

Rosa Pizano, 5th Grade Teacher, Mango, Fontana, CA

*The performance and program was awesome!!!! Thank you for the materials for the students and for coming to perform at our school. The actors, Eric and Chris had us laughing the entire performance, while giving us the important information about the importance of water, water pollution, and conservation of water. Thank you so much for sharing this program, materials, and entertaining actors' theater with us today!!!!!! We would love to have you come to our school again!!! Absolutely fun-filled and knowledge-filled!!!*

Elaine Phelan, 4th Grade Teacher, Mango Elementary, Fontana, CA

*The program was amazing. The students were completely captivated by the actors and were engaged in the program the entire time. They learned about conservation while being entertained. Great program.*

Jennifer Norell, 4th Grade Teacher, Sierra Vista, Upland, CA

*The program is great. Some of the students had never seen a live play or live actors before. They were mesmerized.*

Lauren Heiser, 1st Grade Teacher, Wickman, Chino Hills, CA

## WHAT THE TEACHERS ARE SAYING...

*When we came back to class, one student left the drinking fountain running while he was talking to someone - multiple students pointed out to him that he was wasting water.*

Michele Lund, 3rd Grade Teacher, Girenmeade, Chino Hills, CA

*Thank you for coming and for integrating performing arts into an important educational topic!*

Jennifer Rubino, 4th Grade Teacher, Bear Gulch Elementary, Rancho Cucamonga, CA

*The show was very engaging and had our learners and adults laughing. It was very enjoyable.*

Meredith Hansen, 3rd Grade Teacher, Bear Gulch Elementary School, Rancho Cucamonga, CA

*Great assembly to get the students engaged about water conservation. My special education students retained some facts!*

1st Grade Teacher, Sultana Academy, Ontario, CA

*LOVE LOVE LOVE the performances. So funny and engaging to the students. Great actors. Really like how they tell students what they are going to learn and then at the end summarize what they did!!*

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

*It was great to have an intimate session in the classroom for our Kinders instead of in the big multipurpose room. They loved the show! More theatre and the arts are needed in our classrooms! Keep up the great work!*

June Hayes, Kindergarten Teacher, Ranch View Elementary School, Ontario, CA

*Very entertaining and educational.*

Karen Shumate, 3rd Grade Teacher, Jurupa Vista, Fontana, CA

*Great performances! The students loved the live theater!*

Erin Grebel, Kindergarten Teacher, Moreno AVID Academy, Montclair, CA

*I always enjoy your presentations, and the ability of your performers. This year I will go over the presentation and material and give my students a comprehension grade.*

Dorothy Macey, Other, Juniper Elementary, Fontana, CA

*They provided an awesome educational learning experience for our students that they could relate to.*

Vicki Pizano, 3rd Grade Teacher, Mango Elementary, Fontana, CA



## MEDIA



**Michael D'Arcy Elementary**  
**February 21, 2017**

<https://www.instagram.com/p/BQ0bhyKBhDG/>

## MEDIA



**Sultana Elementary**  
**March 6, 2017**

[pic.twitter.com/XI6qUZIt68](https://pic.twitter.com/XI6qUZIt68)



## TOUR SCHEDULE

### Winter 2017

Tour dates: January 23 – March 9

Program: *The Water Pirates of Neverland: The Search for the Great Green Octopus*

Total Students: 22,772

Number of Performances: 92

Number of Schools: 51

1/22/2017 - 1/28/2017							
Program Distributor	Date	School Name	School Address	# Students	# Teachers	# Shows	Counted Schools
Cucamonga Valley Water District	1/23/2017	Victoria Groves Elementary	10950 Emerson Street, Alta Loma, CA 91701	295	12	1	1
City of Ontario	1/24/2017	Creek View Elementary School	3742 Lytle Creek Loop, Ontario, CA 91761	620	20	2	1
Monte Vista Water District	1/25/2017	Lyle Briggs Fundamental School	11880 Roswell Ave, Chino, CA 91710	600	42	2	1
Monte Vista Water District	1/26/2017	Newman Elementary School	4150 Walnut Ave., Chino, CA 91710	660	27	3	1
City of Chino Public Works	1/27/2017	Anna A Borba Elementary School	4980 Riverside Drive, Chino, CA 91710	550	18	2	1
Fontana Water Company	1/27/2017	Poplar Elementary School	9937 Poplar Ave, Fontana, CA 92335	645	27	2	1
1/29/2017 - 2/4/2017							
Program Distributor	Date	School Name	School Address	# Students	# Teachers	# Shows	Counted Schools
Fontana Water Company	1/30/2017	Tokay Elementary School	7846 Tokay Ave, Fontana, CA 92336	600	25	3	1
Fontana Water Company	1/30/2017	Oleander Elementary School	8650 Oleander St., Fontana, CA 92335	510	20	2	1
Fontana Water Company	1/31/2017	Virginia Primrose Elem School	751 N Maple Street, Fontana, CA 92335	600	20	2	1
Cucamonga Valley Water District	1/31/2017	Jasper Elementary School	6881 Jasper St., Alta Loma, CA 91701	193	8	1	1
City of Upland	2/1/2017	Foothill Knolls School	1245 Veterans Court, Upland, CA 91786	450	20	2	1
City of Upland	2/1/2017	St Joseph School	905 N Campus Ave, Upland, CA 91786	280	10	2	1
City of Chino Hills	2/2/2017	Rolling Ridge Elementary School	13677 Calle San Marcos, Chino Hills, CA 91709	550	22	2	1
Cucamonga Valley Water District	2/2/2017	Cucamonga Middle School	7611 Hellman Ave., Rancho Cucamonga, CA 91730	285	10	1	1
Fontana Water Company	2/3/2017	Locust Elementary School	7420 Locust Ave, Fontana, CA 92336	238	9	2	1
Cucamonga Valley Water District	2/3/2017	Central Elem School	7955 Archibald Ave., Rancho Cucamonga, CA 91730	540	26	2	1
2/5/2017 - 2/11/2017							
Program Distributor	Date	School Name	School Address	# Students	# Teachers	# Shows	Counted Schools
Monte Vista Water District	2/6/2017	Montera Academy of Academic Exploration	4825 Bandera, Montclair, CA 91763	650	33	2	1
City of Ontario	2/6/2017	Redeemer Lutheran School	920 W 6th St, Ontario, CA 91762	23	4	1	1
Cucamonga Valley Water District	2/7/2017	Windrows Elementary School	6855 Victoria Park Lane, Rancho Cucamonga, CA 91739	600	28	2	1
City of Chino Public Works	2/7/2017	EJ Marshall Elementary	12045 Telephone Ave., Chino, CA 91710	490	20	2	1
City of Chino Hills	2/8/2017	Chaparral Elementary School	4849 Bird Farm Rd, Chino Hills, CA 91709	569	23	2	1
City of Chino Public Works	2/8/2017	Walnut Ave Elementary	5550 Walnut Ave., Chino, CA 91710	700	30	2	1
City of Ontario	2/9/2017	Del Norte Elementary School	850 N Del Norte Ave, Ontario, CA 91764	530	28	2	1
Cucamonga Valley Water District	2/9/2017	C P Lightfoot Elementary School	6989 Kenyon Way, Rancho Cucamonga, CA 91701	225	10	1	1
City of Ontario	2/10/2017	Liberty Elementary School	2730 S Bon View, Ontario, CA 91761	640	25	2	1
City of Chino Public Works	2/10/2017	Howard Cattle Elementary	13590 Cypress Ave., Chino, CA 91710	700	27	2	1

## TOUR SCHEDULE

2/12/2017 - 2/18/2017								
Program Distributor	Date	School Name	School Address	# Students	# Teachers	# Shows	Counted Schools	
Monte Vista Water District	2/13/2017	Buena Vista Arts Integtrd Sch	5685 San Bernardino St., Montclair, CA 91763	430	15	2	1	
City of Ontario	2/13/2017	Vineyard SCI-Technology-Math Magnet School	1500 E 6th Street, Ontario, CA 91764	450	18	2	1	
Fontana Water Company	2/14/2017	Oak Park Elementary School	14200 Live Oak Ave, Fontana, CA 92337	525	20	2	1	
City of Chino Hills	2/14/2017	Michael G Wickman Elementary School	16250 Pinehurst Dr, Chino Hills, CA 91709	200	9	1	1	
City of Ontario	2/15/2017	Edison Academy	515 E 6th St, Ontario, CA 91764	300	8	1	1	
City of Ontario	2/15/2017	Hawthorne Elementary School	705 W Hawthorne, Ontario, CA 91762	200	9	1	1	
Fontana Water Company	2/16/2017	Mango Elementary School	7450 Mango Ave, Fontana, CA 92336	715	21	2	1	
City of Chino Hills	2/16/2017	Loving Savior Elementary School	14816 Peyton Dr., Chino Hills, CA 91709	244	13	1	1	
Fontana Water Company	2/17/2017	Juniper Elementary	7655 Juniper Ave, Fontana, CA 92336	650	25	2	1	
Fontana Water Company	2/17/2017	Randall Pepper Elem School	16613 Randall Ave, Fontana, CA 92334	530	21	2	1	
2/19/2017 - 2/25/2017								
Program Distributor	Date	School Name	School Address	# Students	# Teachers	# Shows	Counted Schools	
Fontana Water Company	2/21/2017	Michael D'Arcy Elementary	11645 Elm Ave, Fontana, CA 92337	525	24	2	1	
Cucamonga Valley Water District	2/21/2017	East Heritage Elem School	14250 E. Constitution Way, Fontana, CA 92336	500	19	2	1	
Monte Vista Water District	2/22/2017	Kingsley Elementary School	5625 Kingsley St., Montclair, CA 91763	240	10	2	1	
City of Upland	2/22/2017	Sierra Vista Elem School	253 E. 14th St., Upland, CA 91786	422	20	2	1	
City of Chino Hills	2/23/2017	Glenmeade Elementary	15000 Whirlaway, Chino Hills, CA 91709	524	21	3	1	
Cucamonga Valley Water District	2/23/2017	Alta Loma Elementary School	7085 Amethyst Ave., Alta Loma, CA 91701	350	10	2	1	
Cucamonga Valley Water District	2/24/2017	Bear Gulch Elem School	8355 Bear Gulch Place, Rancho Cucamonga, CA 91730	525	21	2	1	
Cucamonga Valley Water District	2/24/2017	Los Amigos Elementary School	8498 -9th St., Rancho Cucamonga, CA 91730	537	25	2	1	
3/5/2017 - 3/11/2017								
Program Distributor	Date	School Name	School Address	# Students	# Teachers	# Shows	Counted Schools	
City of Ontario	3/6/2017	Sultana Elementary School	1845 S Sultana Ave, Ontario, CA 91761	600	25	2	1	
City of Chino Public Works	3/6/2017	Saint Margaret Mary School	12664 Central Ave., Chino, CA 91710	266	18	1	1	
Monte Vista Water District	3/7/2017	Moreno Elementary School	4825 Moreno St., Montclair, CA 91763	120	6	1	1	
City of Upland	3/7/2017	Valencia Elementary School	541 W 22nd Street, Upland, CA 91784	86	4	1	1	
City of Upland	3/8/2017	Citrus Elementary	925 West 7th Street, Upland, CA 91784	630	30	2	1	
City of Ontario	3/9/2017	Ranch View Elementary School	3300 Old Archibald Ranch Road, Ontario, CA 91761	60	2	1	1	
Fontana Water Company	3/9/2017	Jurupa Vista Elementary School	15920 Village Drive, Fontana, CA 92337	400	20	2	1	



**Final Evaluation Report  
Winter 2017**

Prepared for:



6305 Sandburg Road, Suite 100  
Minneapolis, MN 55427  
Tele: 612.341.0882 Fax: 612.341.2277  
[www.nationaltheatre.com](http://www.nationaltheatre.com)

*Shows That Teach*  
*FY 2016-2017*





## 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 16/17**

School:	Date:	Grade the show:	Please share your impression of the assembly:	Your name:	Grade you teach:
Central Language Academy	09/02/2016	A+	It was very informative and kept children engaged.	Marina Garcia	Kinder
Central Language Academy	09/02/2016	A+	The students could connect with the assembly because of the singing.	mary matheson	Kinder
Central Language Academy	09/02/2016	A+	Students loved it!	Angie Corey	1st
Central Language Academy	09/02/2016	A	So fun and engaging.	Tina Foglesong	1st
Central Language Academy	09/02/2016	A	The engagement of students was at a high level.	melisa mckinney	3rd
Central Language Academy	09/02/2016	A+	The performers were great! They really had the students engaged in their very informative performance.	Janiece Jensen	4th
Central Language Academy	09/02/2016	A+	It was a lot of fun. I really appreciated that it was highly engaging, humorous, and included academic vocabulary that was topic specific.	Michelle Thweatt	5th
Central Language Academy	09/02/2016	A+	I loved how interactive it was, and the way it was filled with catchy tunes that included the academic language and specific vocabulary.	Mrs. Thweatt	5th
Central Language Academy	09/02/2016	A	Fun and interactive	Kathy Keene	5th
Creek View Elementary	09/09/2016	A+	I appreciated the fact that the kids were completely engaged and having fun! They learned a lot as well. Thank you!	Shawn Mihaley	4th
Creek View Elementary	09/09/2016	A+	The performers kept the kids' attention and had great fun while learning an important message.	Robert Bourne	5th
Butterfield Ranch Elementary	10/05/2016	A	Performer's were talented and well prepared.They had the audience involved and also had good control of the audience.		
Butterfield Ranch Elementary	10/05/2016	A	Very Energetic	Melissa Nicassio	1st
Butterfield Ranch Elementary	10/05/2016	A+	Very entertaining	Melody Ho	3rd
Butterfield Ranch Elementary	10/05/2016	A	The kids enjoyed it	Tricia Oliver	4th
Butterfield Ranch Elementary	10/05/2016	A+	informative and entertaining	Melissa Zaldivar	5th
Butterfield Ranch Elementary	10/05/2016	A	Loved it! Great information about water given in a fun and entertaining way. I found myself singing the "Turn it Off" song while brushing my teeth the next morning.	Karen Currie	5th
Upland Elementary	10/05/2016	A+	Good info. Kid friendly. Interactive. Fun.	Lori Solorzano	Kinder



Upland Elementary	10/05/2016	A+		Mrs. Lemoine	2nd
Upland Elementary	10/05/2016	A	I like that it is interactive for the students and even the teachers. It's also very funny. The songs stay with me for the rest of the day.	Ines Capetillo	6th
Del Norte Elementary	1/25/2017	A	Very entertaining, interactive, and informational for our students/community	Jennifer Torres	Preschool-inclusion
Del Norte Elementary	1/25/2017	A	The Waterology assembly was very informative in which students and teachers participated.	Mr. Medina	Kinder
Del Norte Elementary	1/25/2017	A+	Super job, students and teachers were totally engaged! It was informative and entertaining.	Monica Seppi	1st
Del Norte Elementary	1/25/2017	A	Very upbeat, humours. He made science "reachable" for our grade level. Reallu interacted with students. Ecen got the teachers involved	Juanita Mercer	1st
Del Norte Elementary	1/25/2017	A+	Very engaging and informative	Frances Rigouard	2nd
Del Norte Elementary	1/25/2017	A	Very lively, great interaction with students	Mrs. Foley	2nd
Del Norte Elementary	1/25/2017	A+	Fun, engaging, energetic, students liked it very much!! He might have asked to check comprehension simply to be sure it was all going in!	Gillian	TK
Del Norte Elementary	1/25/2017	A+	It was fun, interactive, and well rehearsed! The presenter was engaging and had a wonderful presence. He made learning about water really fun!	Denise Rapa	Instructional Coach
Citrus Elementary School	01/27/2017	A	Very engaging, the students enjoyed the assembly	Christine Hunter	1st
Citrus Elementary School	01/27/2017	A+	Great information presented in engaging ways.	Joanne Olander	1st
Citrus Elementary School	01/27/2017	A	Entertaining	Mary Stockwell	1st
Citrus Elementary School	01/27/2017	A+	The assembly was very interactive and the students loved taking part. It got across the message using all modalities. The students enjoyed seeing their teachers participate too!	Andrea Maddox	2nd
Citrus Elementary School	01/27/2017	A	The primary students really loved the assembly. The actors were very engaging. Students had a lot of opportunity to participate. The only downside is that there was so much music and activity that some of the learning might have gotten lost.	Nina Freeman	2nd
Citrus Elementary School	01/27/2017	A	Lots of fun	Myatt	3rd
Citrus Elementary School	01/27/2017	A	Was engaging and students were excited. It included student/audience participation	Tami	3rd
Citrus Elementary School	01/27/2017	A	It was a great assembly. My students really enjoyed it. They were very focused from start to finish.	Paula Weiland	3rd and 4th grade Secisl Education
Citrus Elementary School	01/27/2017	A+	Informative and very entertaining!	Klein	6th
Citrus Elementary School	01/27/2017	A	Informative and engaging for students and staff.	Jason Skrzat	6th

Foothill Knolls STEM Academy	01/27/2017	A	We all loved it. The students were entertained throughout and they had a great time.	Cynthia Hernandez	1st
Foothill Knolls STEM Academy	01/27/2017	A+	Very entertaining and educational.	Heather McMahon	1st
Foothill Knolls STEM Academy	01/27/2017	A+	It was very informative, engaging, entertaining, and interactive. My special needs students over the performance and understood the message.	Roxanne Rubert	1/2 SDC
Foothill Knolls STEM Academy of Innovation	01/27/2017	A+	The students loved it! Had fun and learned a lot!		2nd
Foothill Knolls STEM Academy	01/27/2017	A+	Great way to bring important information to children. I think it was more geared towards the younger grades like K-3. Super fun for us adults too😊	Josephine	3rd
Foothill Knolls STEM Academy	01/27/2017	A	I loved the interactive component of the assembly. It was a great way to keep the students engaged and explain the importance of saving water. Great job to the performers.	Lisa Scoggin	4th
Foothill Knolls STEM Academy	01/27/2017	A	Fun and engaging!	Jennifer Morris	5th
Foothill Knolls STEM Academy	01/27/2017	A+	Fun! Engaging	Amanda Soto	5th
Canyon Canyon Crest	1/30/2017	A+	I loved him. And the assembly. Very fun for the kids.	Mary Crull	1st
Canyon Canyon Crest	1/30/2017	A+	it was both entertaining and informative	Nikki Console	1st
Canyon Canyon Crest	1/30/2017	A+	Students loved his performance and the way the content was presented to them. Very kids-friendly!	Esther Nam	2nd

*Garden In Every School*

*FY 2016-2017*



**GARDEN IN EVERY SCHOOL**

# Garden in Every School®

Arroyo Elementary School

FY 2016-17

## Pre-Construction



## Planting



## Dedication & Growth



Dedicated April 13, 2017



# Garden in Every School®

Montclair High School

FY 2016-17

## Pre-Construction



## Planting



## Dedication & Growth



Dedicated March 24, 2017

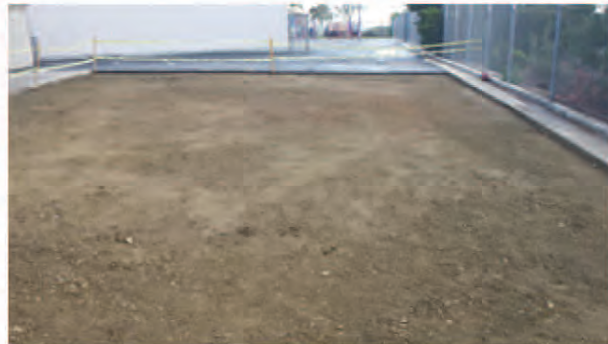


# Garden in Every School®

Rolling Ridge Elementary School

FY 2016-17

## Pre-Construction



## Planting



## Dedication & Growth



Dedicated September 7, 2017



# Garden in Every School®

Townsend Junior High School

FY 2016-17

## Pre-Construction



## Planting



## Dedication & Growth



Dedicated May 10, 2017







# “Water Wise” Garden in Every School® 2016/17 Garden Funding Program

## Introduction to the Garden in Every School® Program:

The Garden in Every School® Program (GIES) in the western Inland Empire region was initiated in 2004 to provide a native landscape garden to approximately four schools per year within Inland Empire Utilities Agency’s (IEUA) service area (Chino, Chino Hills, Fontana, Upland, Ontario, Montclair, and Rancho Cucamonga). Each year, approximately four schools will be selected from a pool of competitive applicants to participate in the Garden in Every School® Program (GIES).



The purpose of the GIES program is to educate school-age children and their families, school staff, and other community members about the efficient use of water through the establishment of thematic school gardens that feature climate appropriate plants and more efficient irrigation methods that are coordinated with provision state-aligned curriculum materials. Building this relationship with the schools is significantly important to IEUA and its partners. Through GIES, participating schools, school boards, and maintenance districts are introduced to water-use efficiency opportunities through new irrigation techniques, low water use plants, and curriculum.



Schools participating in the garden funding program will receive the following:

- Assistance in the establishment of a thematic garden, including site selection, irrigation installation, design and installation of the garden (*Note: Site clearing is the responsibility of the school and maintenance team*);
- Funding of climate appropriate plants, vegetables, garden tools, irrigation equipment and state-aligned curriculum materials;
- Access to state-aligned curriculum materials promoting the efficient use of water for teachers and parents;
- An opportunity to showcase your school and stand out as an environmental steward in your community.



## Program Sponsors and Partners:

Sponsors and partners in the Garden in Every School® Program include the Inland Empire Utilities Agency (IEUA), Chino Basin Water Conservation District (CBWCD), the Cities of Chino, Chino Hills, Ontario, Upland, Cucamonga Valley Water District (City of Rancho Cucamonga), Monte Vista Water District (City of Montclair), Fontana Water Company, San Antonio Water Company (City of Upland); and the Lewis Group of Companies. Each of the partners in the Garden in Every School® Program strive to enhance the quality of life in the Inland Empire by promoting water-use efficiency and environmental protection through the Garden in Every School® Program.

## CONTACTS:

**Katie Plank (IEUA):** 909.993.1925; kplank@ieua.org

**Serina Pope (IEUA):** 909.993.1457; spope@ieua.org

**Andrea Carruthers (IEUA):** 909.993.1935; acarruthers@ieua.org

**Lisa Morgan-Perales (IEUA):** 909.993.1520; lperales@ieua.org





## School Qualifications:

Public and private elementary schools in IEUA and its retail agencies' service area (i.e. schools within the cities of Chino, Chino Hills, Fontana, Ontario, Montclair, Rancho Cucamonga, Upland, and a small portion of Rialto and Bloomington) are eligible to apply for the school garden funding program, providing the following:

- Schools must attend the recruitment and program overview workshop.
- A completed application must be submitted by the **April 7, 2016 deadline**. The application must contain signatures of commitment from the Maintenance/Facilities Manager, the appointed Lead Teacher, Lead Parent, Principal, and have the Superintendent's approval.
- Sites are not limited in size, but if the site is large, a suitable support team of volunteers must be demonstrated. ***Note: The limit of vegetable beds is to not exceed seven.***
- Eligible schools must exhibit a commitment to sustaining the garden and intend to use it for curriculum connections in post-project years.
- The school must commit to hands-on participation by teachers, parents and students on specified planting and garden work days.
- In accepting this funding, the school also agrees to provide a summary and evaluation of the project when complete, describing how the teachers used the landscape for garden-based education, including efficient water usage.
- Schools must participate in a garden dedication ceremony for the students, school staff, parents, and community members, including partnering agencies, program sponsors and the media.
- **All funded items become the property of the school and IEUA and partners are not liable or responsible for the continued maintenance/care of the garden.**

## Garden in Every School® Grant Amount:

Participants will be awarded a garden grant valued up to a maximum of \$4,500 in contract labor/equipment rentals, irrigation hardware, plants, and additional garden equipment/materials (per approval) relating to the garden. IEUA and CBWCD staff time in coordinating and administering the program is not included in the grant award.

## Past Participants:

### 2004/2005

Alta Loma Elementary  
Butterfield Ranch Elementary  
Euclid Elementary  
Grant Elementary  
Lehigh Elementary  
Magnolia Elementary  
Rhodes Elementary

### 2005/2006

Coyote Canyon Elementary  
Foothill Knolls Elementary  
Hidden Trails Elementary  
Newman Elementary  
North Tamarind Elementary  
Ranch View Elementary

### 2006/2007

Buena Vista Arts-Integrated  
El Rancho Elementary  
Liberty Elementary  
Litel Elementary  
Poplar Elementary  
Sycamore Elementary  
Victoria Groves Elementary

### 2007/2008

Chaparral Elementary  
Linda Vista Elementary  
Peppertree Elementary  
Los Amigos Elementary  
Oak Park Elementary  
Our Lady of the Lourdes

### 2008/2009

Glenmeade Elementary  
Jasper Elementary  
Ontario Center School  
Perdew Elementary  
Grapeland Elementary

### 2009/2010

Stork Elementary  
Baldy View Elementary  
Howard Cattle Elementary  
Mariposa Center School

### 2010/2011

Rancho Cucamonga High  
Montera Elementary  
Briggs Elementary  
Mission Elementary

### 2011/2012

Los Osos High School  
Monte Vista Elementary  
Redeemer Lutheran  
Upland High School

### 2012/2013

Edison Academy  
Etiwanda Intermediate  
Sultana Elementary  
Vina Danks Middle School

### 2014/2015

Cal Aero Preserve  
Cypress Elementary  
Country Springs  
Elementary

### 2015/2016

Citrus Elementary  
Cortez Elementary  
Eagle Canyon  
Elementary  
Etiwanda Colony  
Golden Elementary  
Truman Middle School



## Grant Application Supplemental Checklist:

- Contacts (p.1)
- GIES School Proposal (p.2)
  - Box 1 (p.3)
  - Box 2 (p.4)
  - Box 3 (p.5)
  - Box 4 (p.6)
  - Box 5 (p.7)
  - Box 6 (p.8)
  - Box 7 (p.9)
- Signature Page (p.10)



Garden in Every School® Program

# Grant Application

Supplemental

**2015/2016 Garden in Every School® Program  
Garden Funding Program Application Form**



# Contacts

<b>DATE:</b>	
<b>SCHOOL NAME:</b>	
<b>SCHOOL ADDRESS:</b>	
<b>SCHOOL PHONE:</b>	
<b>SCHOOL DISTRICT:</b>	
<b>SUPERINTENDENT:</b>	
<b>PRINCIPAL:</b>	<b>PHONE:</b> <b>E-MAIL:</b>
<b>LEAD TEACHER:</b>	<b>PHONE:</b> <b>E-MAIL:</b>
<b>LEAD PARENT:</b>	<b>PHONE:</b> <b>E-MAIL:</b>
<b>DISTRICT GROUNDS LEAD (or equivalent):</b>	<b>PHONE:</b> <b>E-MAIL:</b>

**Please respond to the following seven items on the supplemental proposal.  
Keep each section separate and be direct.  
Use bullets and create lists where it's appropriate.**

**1. Describe how you intend to align your garden with curriculum and student/parent/ community activities. List the names of the teachers and/or teaching assistants that will be using the garden for curriculum.**

**2. Identify the number of students in your school, classes and students who would be involved in this project during installation, classroom activities in the garden, and maintaining the garden (include clubs, etc). List the names of teachers and staff that will be involved.**

**3. Please indicate the person who will be in charge of maintaining the garden during the school year and during the summer. List how maintenance of the garden will be accomplished. Please give their name, titles, and contact information. If these persons leave, please describe how those duties will be transferred.**

**4. Include a school site map and mark the location of two potential garden sites; the location of existing irrigation/water sources, and a garden sketch of what you envision your garden containing at the site. (if you are not graphically inclined then say what type of garden you'd like and what elements; i.e.: Native, Drought Tolerant, Edible Forest, Vegetable Beds etc...) Photographs are encouraged. Include dimensions, current use, and describe activities you would like to have in your garden.**

**5. List three potential Garden Dedication Dates in Spring of 2017. It is recommended that you include dedication events with school activities like an ice cream social or open house to maximize parent involvement. (NOTE- this is an opportunity for you to celebrate your school's accomplishments with your parents and local officials. The more people present to applaud your success, the better! ) Please include a 2016-17 school year calendar for your school.**

**6. Describe in detail why your school is a good candidate for this garden funding program i.e. Will there be community and parent involvement? Will extra funding be available through outside groups? What will make this program succeed at your school? Other sponsors and outside funding are encouraged. Please attach any letters of intent from additional sponsors.**

**7. The success of your school garden depends on the commitment of a dedicated team from each school consisting of the Principal, Lead Teacher(s), and Lead Parent(s). There are many tasks and responsibilities throughout the program which require the team's involvement including site preparation, garden design, irrigation, work days, planting days, seeking outside funding and sponsors, and a dedication. Please identify who is the main contact person for your school, and what element each person on your team will be responsible for. Please mention if any of your team members have experience in gardening and/or landscaping.**

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2. Identify the number of students in your school, classes and students who would be involved in this project during installation, classroom activities in the garden, and maintaining the garden (include clubs, etc). List the names of teachers and staff that will be involved.

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# Signature Page

**APPLICATION DEADLINE: Thursday, April 7, 2016 by 4:00pm**

DISTRICT GROUNDS LEAD SIGNATURE:

LEAD TEACHER'S SIGNATURE:

LEAD PARENT'S SIGNATURE:

PRINCIPAL'S SIGNATURE:

SUPERINTENDENT'S SIGNATURE:

Please coordinate with fellow teachers, parents and principals to ensure one application per school is submitted.

For more information contact Katie Plank @ (909) 993-1925

To apply either email or mail to:  
kplank@ieua.org

Inland Empire Utilities Agency  
ATTN: Katie Plank  
6075 Kimball Ave.  
Chino, CA 91708



# Chino Champion

September 8, 2017

## Garden sprouts up at Rolling Ridge Elementary



Champion photo by Dawn Marks

### Rolling Ridge Elementary students

Rolling Ridge Elementary students Jillian Mastro (from left), Jaylyn Gonzales and Sophie Colby look closely for evidence of pumpkins growing in their new school garden.

A new garden at Rolling Ridge Elementary in Chino Hills, now colorful and ripe for harvest, had a rough start last spring.

Speaking at a dedication Thursday, instructional teacher Stacy Colby said a large shade tree with invasive roots first had to be removed from the garden area, which backs up to open space on the hills above Grand Avenue.

“It made us sad to see the big tree gone,” she said.

But the cleared space was soon filled with wood boxes, mulch, an irrigation system, plants and few small fruit trees by the Inland Empire Utilities Agency, which funded the garden.

Unfortunately, the plants were gone the next day, after some stealthy rabbits managed to get through the fence.

“They ate all the tomatoes, green leaves and even stripped the bark from two miniature fruit trees,” Mrs. Colby said.

The problem was soon fixed with the creation of a “bad bunny barrier.”

Jerome Thomas, husband of school principal Paula Thomas, made the plant covers from wood and chicken wire.

He also raised the beds a few feet to keep the critters out.

Inland Empire Utilities Agency replaced the plants and trees.

An occasional squirrel and the usual pesky bugs are still troublesome, but it looks like sunny days are ahead, with hopefully some winter rains, and lots of tasty food.

Over 60 students joined a garden club and students in every classroom will participate in its care.

The garden contains marigolds, strawberries, tomatoes, peppers, zucchini, eggplant, pumpkins, basil, string beans, cucumbers, onions, and miniature mandarin and kumquat trees.



# Garden in Every School®

## Mandatory Grant Workshop

**Thursday, March 3, 2016**  
**4:30 - 5:30pm**

Inland Empire Utilities Agency—Bld B, Event Room

6075 Kimball Avenue, Chino, CA 91708 | [www.ieua.org](http://www.ieua.org)



Join us for a **FREE** garden-based learning workshop about the Inland Empire Utilities Agency's award winning water-wise **Garden in Every School®** Program.

The **Garden in Every School®** Program team offers a one-day workshop to include:

- Program overview
- Grant application guidelines, process and deadlines
- Curriculum connections that are aligned with California state standards
- Past successes
- Classroom resources

Attendance at this workshop is **mandatory** for those interested in applying for the 2016-2017 **Garden in Every School®** Program.

**Please RSVP by Monday, February 22**  
**to Katie Plank at 909.993.1925 or email**  
**[kplank@ieua.org](mailto:kplank@ieua.org).**

The Garden in Every School® Program is brought to you by the Inland Empire Utilities Agency, in partnership with the Chino Basin Water Conservation District, Cucamonga Valley Water District, Fontana Water Company, Monte Vista Water District, Ontario Municipal Utilities Company, San Antonio Water Company, and the cities of Chino, Chino Hills and Upland.



@ieuaewater

# FREE ONE DAY WORKSHOP

## Project WET & Garden in Every School® Mini-Grant

Thursday, March 2, 2017 • 8:00 a.m.—3:00 p.m.

Inland Empire Utilities Agency, Bld B, Event Room

6075 Kimball Avenue, Chino, CA 91708

*Presented by the Inland Empire Utilities Agency And Partnering Agencies*

Project WET (Water Education for Teachers) is an award-winning, nonprofit water education program and publisher. The workshop will include the following at **NO COST**:

- ◇ Hands-on Environmental Education Curriculum
- ◇ Project WET Curriculum & Activity Guide
- ◇ Information on the award-winning Garden in Every School Program® and Mini-Grant Qualification\*\*\*
- ◇ Continental Breakfast and Lunch will be served

**Substitute Reimbursements may be available! Contact Andrea for more info.**

Price **FREE!**

RSVP by February 23<sup>rd</sup> to Andrea Carruthers  
at (909)993-1935 or [acarruthers@ieua.org](mailto:acarruthers@ieua.org)



Project WET activities engage students with hands-on, interdisciplinary lessons that teach important concepts about water.



**Partnering Agencies: Chino, Chino Hills, Chino Basin Water Conservation District, Cucamonga Valley Water District, Fontana Water Company, Monte Vista Water District, Ontario Municipal Utilities Company, and Upland.**

\*\*\*Attendance at this workshop is mandatory for those interested in applying for the 2017-2018 Garden in Every School® Mini-Grant Program. To be eligible, schools must have gardens currently installed by previous participation in the Garden in Every School® program.



In recognition and appreciation of  
The Garden in Every School Program  
and the continuing support of the  
Montclair High School Gardens

We would like to invite you to attend  
our celebration and dedication ceremony on

March 24, 2017  
3:00 PM - 5:00 PM

Celebration starts in the  
Montclair Arboretum

Refreshments provided by the  
Montclair Garden Fundraiser

For more information contact: [tina.ramsey@cjuni.net](mailto:tina.ramsey@cjuni.net)



*You are cordially invited to the  
Rolling Ridge Garden Dedication Ceremony  
Thursday, September 7, 2017 at 9:00 a.m.*

*Rolling Ridge Elementary School  
13677 Calle San Marcos  
Chino Hills, CA 91709*

*RSVP [stacy\\_colby@chino.k12.ca.us](mailto:stacy_colby@chino.k12.ca.us)*



## TOWNSEND'S GARDEN DEDICATION



Townsend

Wednesday, May 10 at 5:30 PM

Robert O. Townsend Junior High  
15359 Ilex Drive, Chino Hills, CA 91709





***IEUA Annual Special Events***

***FY 2016-2017***

9TH ANNUAL

# EARTH DAY

CELEBRATION

THURSDAY

# APRIL 20

2017

# 4-7 PM

Presented by the  
Inland Empire  
Utilities Agency  
and City of Chino

# FREE

Tour the Park

Earth Friendly Activities

Environmental Exhibits

KGGI 99.1 RADIO

Environmental Shows

Giveaways and More!

## PARKING & EVENT LOCATION

Chino Creek Wetlands & Educational Park

Limited parking. Carpooling is encouraged.



**LOT A** | 6075 Kimball Avenue, Chino 91708  
*Free Electric Vehicle Charging Stations*

**LOT B** | 15975 El Prado Road, Chino 91708



Inland Empire Utilities Agency  
A MUNICIPAL WATER DISTRICT



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

9TH ANNUAL

# EARTH DAY

CELEBRATION

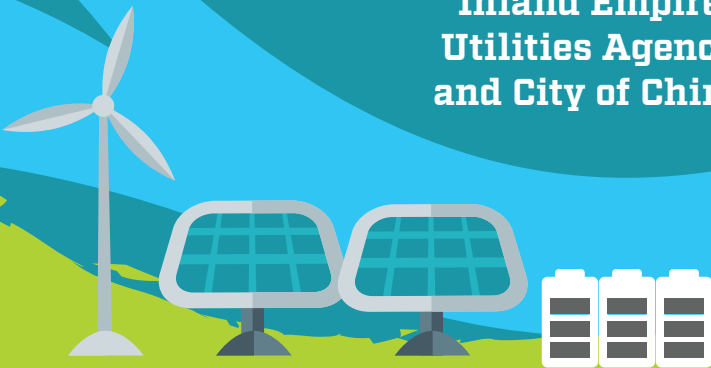
WEDNESDAY

APRIL  
19

2017

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

SAVE THE DATE!

THE 10TH ANNUAL

LANDSCAPE & WATER  
CONSERVATION  
FESTIVAL

OCT 29, 2016 | 9 AM - 2 PM

AT CHINO BASIN WATER  
CONSERVATION DISTRICT

RAFFLES, WORKSHOPS,  
AND FREE FAMILY FUN!



# Water is Life

## Student Art Poster Contest 2017

Sponsored by the Inland Empire Utilities Agency

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 30, 2017 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

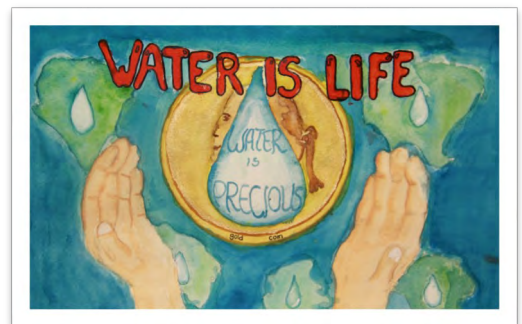
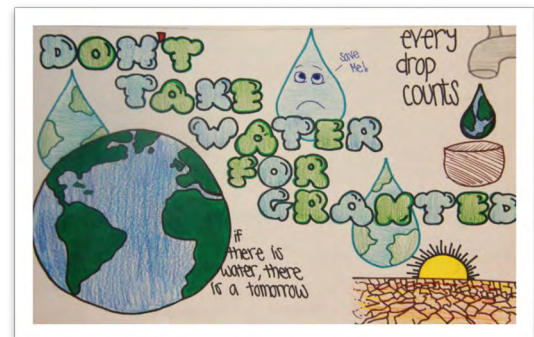
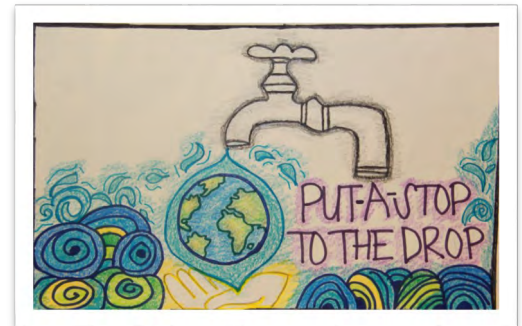
First Place: \$50 Book Store Gift Card

Second Place: \$35 Book Store Gift Card

Third Place: \$25 Book Store Gift Card

The 1st 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!



 Inland Empire Utilities Agency  
A MUNICIPAL WATER DISTRICT

For more information, please contact  
Andrea Carruthers at 909.993.1935  
or [acarruthers@ieua.org](mailto:acarruthers@ieua.org)

## POSTER CONTEST RULES

1. Artwork must be **12" x 18"** in size and drawn on **WHITE** poster board or **WHITE** drawing paper. (Oversized artwork **WILL NOT** be accepted.). **Paper is available upon request.**
2. Artwork must have **AT LEAST** a **one-inch white or blank border on all four sides.** (A graphics and framing requirement!)
3. Posters **MUST** be drawn **HORIZONTALLY**. Vertical artwork **WILL NOT** be accepted.
4. A "short" water message **MUST** be written on the artwork, but not necessarily the words "Water is Life." The less words written, the better. Words **MUST** be spelled correctly. **CHECK SPELLING and PUNCTUATION carefully!**
5. **Art media:** Use one or more of the following materials: crayons, pencils, watercolor, paints, markers, ink, pastels, chalk, cut paper or fabric. **BOLD, BRILLIANT & BRIGHT COLORS** are preferred!
6. Artwork must be **ORIGINAL** (no traced, trademarked or copyrighted characters and slogans, such as Snoopy, SpongeBob, Disney, Dora the Explorer, etc.). No "copycat" ideas of artwork from past posters or calendars. Artwork **MUST** be "**truly**" the hands-on work of the student and realistically represent the age, grade and developmental skill level of the students. We reserve the right to question or disqualify any artwork.
7. Each poster **MUST** have the following information **TYPED** on a **4" x 6" card** or piece of paper and **TAPED** to the back center of the poster. Make sure names are spelled correctly!

Student's Name	Parent/Guardian's Name
Student's Grade Level	Parent/Guardian's Phone Number
School Name	School District
School Phone Number	Water Agency (Inland Empire Utilities Agency)
Teacher's Name	Water Agency Contact (Andrea Carruthers)
Teacher's Email Address	
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**

Bring Entries / Mail To:

OR

Contact for Pick-up of Entries:

**Thursday, March 30, 2017 by 5 p.m.**

Inland Empire Utilities Agency, BLD. A

6075 Kimball Avenue

Chino, CA 91708

Andrea Carruthers

Inland Empire Utilities Agency

909.993.1935 | [acarruthers@ieua.org](mailto:acarruthers@ieua.org)

9TH ANNUAL

# EARTH DAY

CELEBRATION

THURSDAY

# APRIL 20

2017

# 4-7 PM

Presented by the  
Inland Empire  
Utilities Agency  
and City of Chino

# FREE

Tour the Park

Earth Friendly Activities

Environmental Exhibits

KGGI 99.1 RADIO

Environmental Shows

Giveaways and More!

## PARKING & EVENT LOCATION

Chino Creek Wetlands & Educational Park

Limited parking. Carpooling is encouraged.



**LOT A** | 6075 Kimball Avenue, Chino 91708  
*Free Electric Vehicle Charging Stations*

**LOT B** | 15975 El Prado Road, Chino 91708



Inland Empire Utilities Agency  
A MUNICIPAL WATER DISTRICT



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



9TH ANNUAL

# EARTH DAY

CELEBRATION

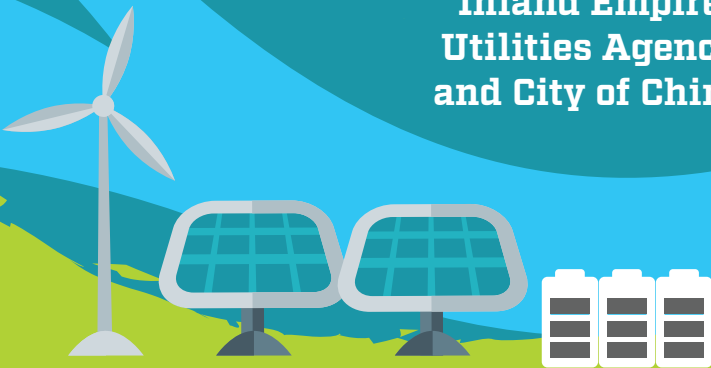
WEDNESDAY

APRIL  
19

2017

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



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IEUA | [WWW.IEUA.ORG](http://WWW.IEUA.ORG) | 909.993.1600 | CITY OF CHINO | [WWW.CITYOFCHINO.ORG](http://WWW.CITYOFCHINO.ORG) | 909.334.3472

SAVE THE DATE!

THE 10TH ANNUAL

LANDSCAPE & WATER  
CONSERVATION  
FESTIVAL

OCT 29, 2016 | 9 AM - 2 PM

AT CHINO BASIN WATER  
CONSERVATION DISTRICT

RAFFLES, WORKSHOPS,  
AND FREE FAMILY FUN!



# Water is Life

## Student Art Poster Contest 2017

Sponsored by the Inland Empire Utilities Agency

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 30, 2017 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

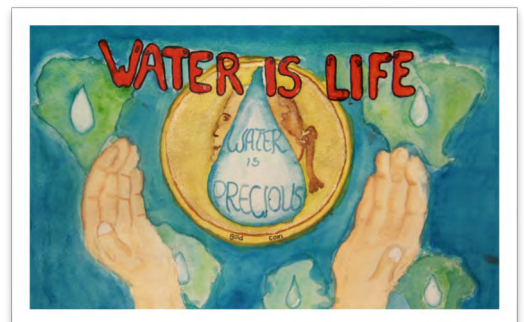
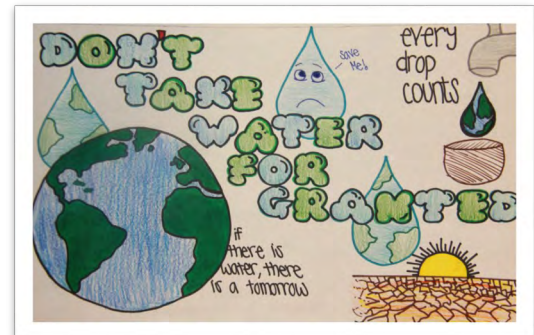
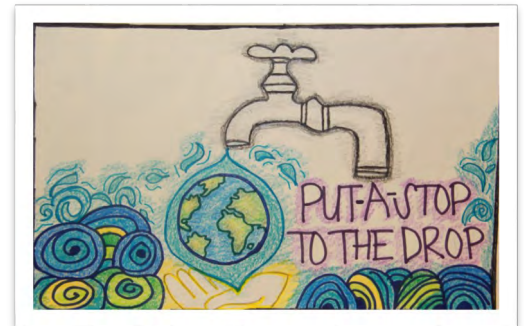
First Place: \$50 Book Store Gift Card

Second Place: \$35 Book Store Gift Card

Third Place: \$25 Book Store Gift Card

The 1st FIVE classes to submit posters with 100% class participation will receive an art kit.

\$100 School Supply or Office Supply Store Gift Card  
for teachers of winning student artists!



For more information, please contact  
Andrea Carruthers at 909.993.1935  
or [acarruthers@ieua.org](mailto:acarruthers@ieua.org)

## POSTER CONTEST RULES

1. Artwork must be **12" x 18"** in size and drawn on **WHITE** poster board or **WHITE** drawing paper. (Oversized artwork **WILL NOT** be accepted.). **Paper is available upon request.**
2. Artwork must have **AT LEAST** a **one-inch white or blank border on all four sides.** (A graphics and framing requirement!)
3. Posters **MUST** be drawn **HORIZONTALLY.** Vertical artwork **WILL NOT** be accepted.
4. A "short" water message **MUST** be written on the artwork, but not necessarily the words "Water is Life." The less words written, the better. Words **MUST** be spelled correctly. **CHECK SPELLING and PUNCTUATION carefully!**
5. **Art media:** Use one or more of the following materials: crayons, pencils, watercolor, paints, markers, ink, pastels, chalk, cut paper or fabric. **BOLD, BRILLIANT & BRIGHT COLORS** are preferred!
6. Artwork must be **ORIGINAL** (no traced, trademarked or copyrighted characters and slogans, such as Snoopy, SpongeBob, Disney, Dora the Explorer, etc.). No "copycat" ideas of artwork from past posters or calendars. Artwork **MUST be "truly"** the hands-on work of the student and realistically represent the age, grade and developmental skill level of the students. We reserve the right to question or disqualify any artwork.
7. Each poster **MUST** have the following information **TYPED** on a **4" x 6" card** or piece of paper and **TAPED** to the back center of the poster. Make sure names are spelled correctly!

Student's Name	Parent/Guardian's Name
Student's Grade Level	Parent/Guardian's Phone Number
School Name	School District
School Phone Number	Water Agency (Inland Empire Utilities Agency)
Teacher's Name	Water Agency Contact (Andrea Carruthers)
Teacher's Email Address	
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**

Bring Entries / Mail To:

OR

Contact for Pick-up of Entries:

**Thursday, March 30, 2017 by 5 p.m.**

Inland Empire Utilities Agency, BLD. A

6075 Kimball Avenue

Chino, CA 91708

Andrea Carruthers

Inland Empire Utilities Agency

909.993.1935 | [acarruthers@ieua.org](mailto:acarruthers@ieua.org)

# Water is Life Poster Contest 2017 Winners

1st Place



Priscilla Papazyan, 1st Grade  
Oxford Preparatory Academy

2nd Place



Maia Pak, 5th Grade  
Cal Aero Preserve Academy

3rd Place



Juan Acevedo, 1st Grade  
Liberty Elementary School

Kindergarten-5th Grade  
Category



Andrew Pichardo, 1st Grade  
Liberty Elementary School



Summer Ruiz, 1st Grade  
Liberty Elementary School



# Water is Life Poster Contest 2017 Winners

1st Place



Samantha Sudjarwadi, 6th Grade  
Oxford Preparatory Academy

6th-8th Grade  
Category

2nd Place



Sunny Lin, 7th Grade  
Townsend Junior High School

3rd Place



Thomas Lee, 7th Grade  
Townsend Junior High School

Honorable Mention



Angela Fu, 7th Grade  
Townsend Junior High School

Honorable Mention



Samara Asad, 7th Grade  
Townsend Junior High School

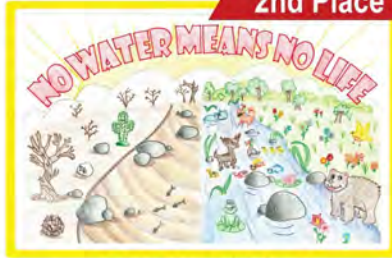
# Water is Life Poster Contest 2017 Winners

1st Place



Alyssa Vallejo, 9th Grade  
Don Lugo High School

2nd Place



Malena Flores, 9th Grade  
Don Lugo High School

3rd Place



Sarah Rachunok, 9th Grade  
Don Lugo High School

9th-12th Grade  
Category

Honorable Mention



Elisha Anne Santos, 9th Grade  
Don Lugo High School

Honorable Mention



Mia Herrera, 9th Grade  
Don Lugo High School



# Water is Life Poster Contest 2017 Winners

1st Place



Priscilla Papazyan, 1st Grade  
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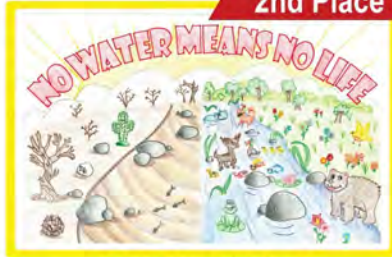
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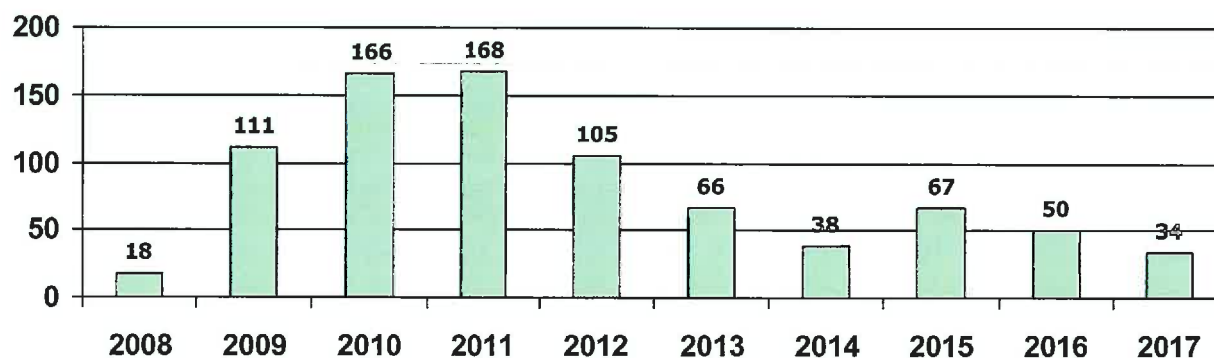
***IEUA Water Softener Rebate Program***

***FY 2016-2017***

## 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	34	15,708	210,800	\$18,146.76
<b>Total:</b>	<b>823</b>	<b>380,226</b>	<b>5,102,600</b>	<b>\$494,911.03</b>

### SRWS Units Removed by Year







# SRWS Removed, Salt Avoided and Water Savings

Start Date: 7/1/2016

End Date: 6/30/2017

## SUMMARY

Total Units Removed: <b>50</b>	Total Salt Avoided: <b>23,100</b> Lbs/Yr	Total Water Savings: <b>310,000</b> Gal/Yr
Total Rebate Amount: <b>\$25,978.52</b>	Total Salt Avoided: <b>11.550</b> Ton/Yr	Total Water Savings: <b>0.951</b> AFY

	Date Check Posted SAP	Rebate Amount	Salt Avoided (lbs/yr)	WaterSaving (gal/yr)
<b>Chino</b>				
	6/16/2017	\$300.00	462	6200
<b>Units Removed:</b>	1	\$300.00	462	6,200
<b>% of Total:</b>	2.0%	1.2%	2.0%	2.0%
<b>Chino Hills</b>				
	8/11/2016	\$300.00	462	6200
	9/13/2016	\$300.00	462	6200
	11/23/2016	\$300.00	462	6200
	1/5/2017	\$300.00	462	6200
	3/7/2017	\$300.00	462	6200
	3/7/2017	\$300.00	462	6200
	3/7/2017	\$300.00	462	6200
	3/7/2017	\$300.00	462	6200
	3/7/2017	\$419.68	462	6200
	6/19/2017	\$300.00	462	6200
<b>Units Removed:</b>	10	\$3,119.68	4,620	62,000
<b>% of Total:</b>	20.0%	12.0%	20.0%	20.0%
<b>Fontana</b>				
	7/27/2016	\$300.00	462	6200
	7/27/2016	\$2,000.00	462	6200
	11/23/2016	\$300.00	462	6200
	1/5/2017	\$2,000.00	462	6200
	3/7/2017	\$300.00	462	6200
	3/7/2017	\$658.37	462	6200
	3/7/2017	\$1,469.62	462	6200
<b>Units Removed:</b>	7	\$7,027.99	3,234	43,400
<b>% of Total:</b>	14.0%	27.1%	14.0%	14.0%
<b>Ontario</b>				
	7/27/2016	\$300.00	462	6200
	12/13/2016	\$300.00	462	6200
	3/7/2017	\$300.00	462	6200
<b>Units Removed:</b>	3	\$900.00	1,386	18,600
<b>% of Total:</b>	6.0%	3.5%	6.0%	6.0%

**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>				
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	\$1,673.96	462	6200	
3/7/2017	\$300.00	462	6200	
3/7/2017	\$300.00	462	6200	
3/7/2017	\$300.00	462	6200	
3/7/2017	\$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	\$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	
4/6/2017	\$1,186.76	462	6200	
5/30/2017	\$300.00	462	6200	
6/16/2017	\$1,014.59	462	6200	
<b>Units Removed:</b>	24	\$13,130.85	11,088	148,800
<b>% of Total:</b>	48.0%	50.5%	48.0%	48.0%

<b>Upland</b>				
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	
<b>Units Removed:</b>	5	\$1,500.00	2,310	31,000
<b>% of Total:</b>	10.0%	5.8%	10.0%	10.0%

**SUMMARY**

Total Salt Avoided:	<b>50</b>	Total Salt Avoided:	23,100 Lbs/Yr	Total Water Savings:	310,000 Gal/Yr
Total Rebate Amount:	<b>\$25,978.52</b>	Total Salt Avoided:	11.550 Ton/Yr	Total Water Savings:	0.951 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  
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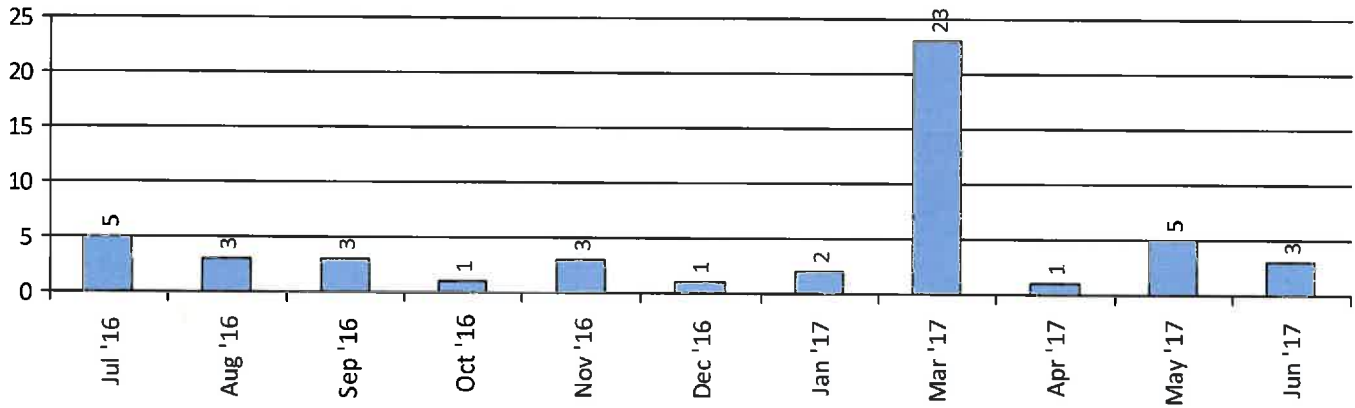


# SRWS Removed, Salt and Water Savings (Summary)

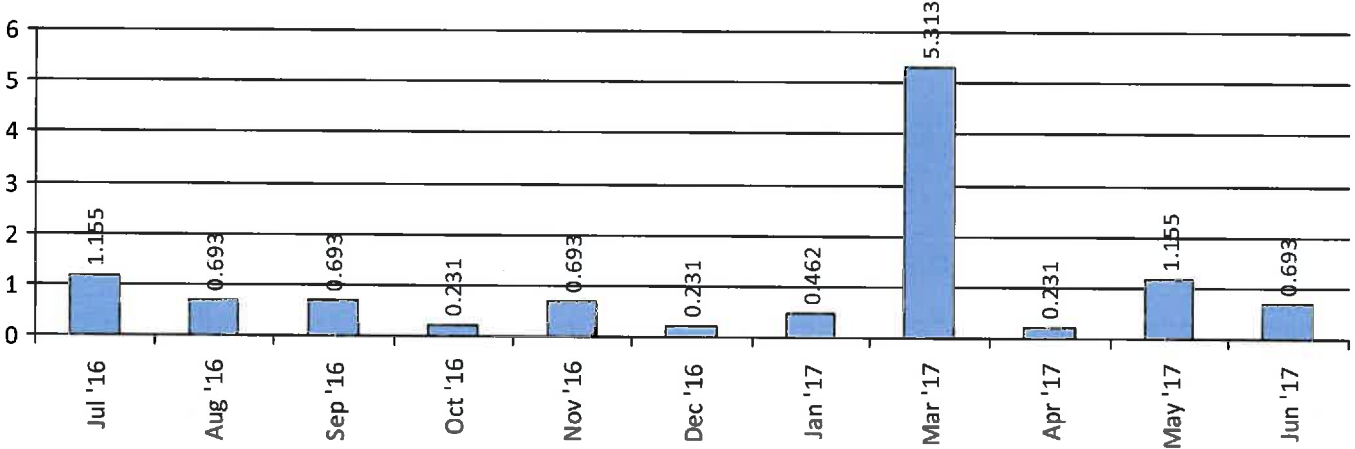
Start Date: 7/1/2016

End Date: 6/30/2017

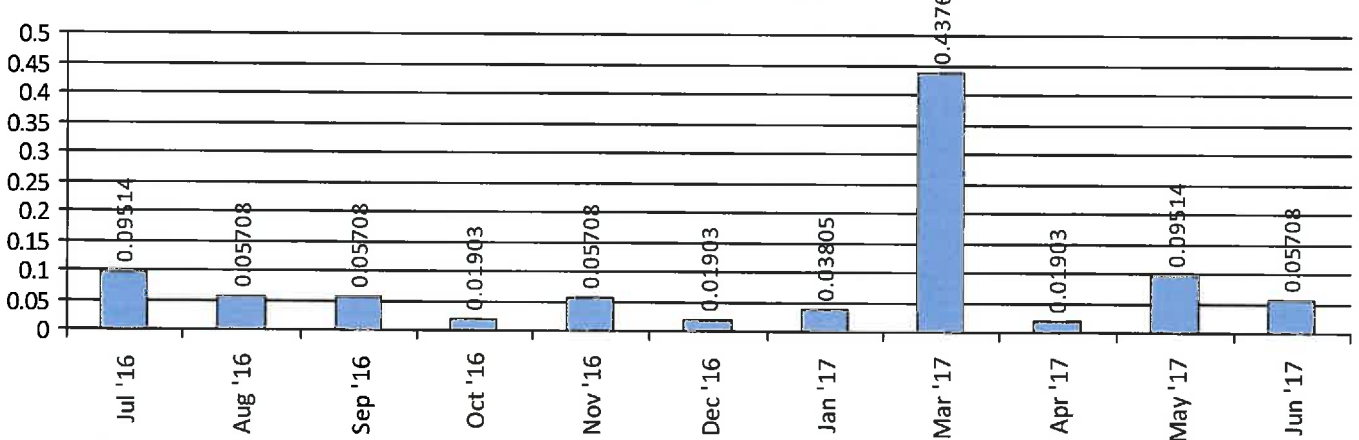
### SRWS Removed (Program Inception in Sept. 2008)



### Salt Removed (tons/yr)



### Water Savings (AF/yr)





# SRWS Checks Posted in SAP

Start Date: 7/1/2008

End Date: 6/30/2017

Number of Checks: 823

Total Amount of Checks Issued: \$494,911.03

Avg Amount of Checks: \$601.35

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
<b>November 2008</b>			
11/4/2008	Brock, Steven	170337	\$1,721.25
11/4/2008	Butler, Debbie	170338	\$1,995.00
11/4/2008	Cao, Hongling	170339	\$300.00
11/4/2008	Childress, Clorinda (Connie)	170340	\$300.00
11/4/2008	Martin, Penny	170341	\$300.00
11/4/2008	Schneider, Gena	170342	\$300.00
11/4/2008	Sebastian, John	170343	\$300.00
11/4/2008	Selle, David	170344	\$300.00
Checks Posted This Month:			8 (1%)
			\$5,516.25 (1.1%)
<b>December 2008</b>			
12/9/2008	Chapman (DECEASED), Howard	170854	\$300.00
12/9/2008	Chuate, Ofelia	170855	\$300.00
12/9/2008	Drexel, Norman	170859	\$300.00
12/9/2008	Frayer, Susan	170864	\$300.00
12/9/2008	Greene, Tom	170866	\$300.00
12/9/2008	Iiams, China	170870	\$1,031.67
12/9/2008	Nilsson, Virginia	170875	\$300.00
12/9/2008	Ortega, Leo	170876	\$2,000.00
12/9/2008	Patel, Ashwin	170877	\$300.00
12/9/2008	Zamora, Rene	170885	\$2,000.00
Checks Posted This Month:			10 (1.2%)
			\$7,131.67 (1.4%)
<b>January 2009</b>			
1/9/2009	Conner, Claude	171163	\$300.00
1/9/2009	Dunn, Carmen	171166	\$2,000.00
1/9/2009	Gattas, Fred	171178	\$300.00
1/9/2009	Hardin, Jon	171183	\$665.83
1/9/2009	Hernandez, Edward	171186	\$1,730.00
1/9/2009	Purdy, T.J. & Helen	171247	\$1,713.62
1/9/2009	Sciandra, Andy	171260	\$914.58
1/9/2009	Sorveti, Anthony	171269	\$1,247.92
Checks Posted This Month:			8 (1%)
			\$8,871.95 (1.8%)
<b>February 2009</b>			
2/2/2009	Diaz, Laura	171583	\$1,675.00
2/2/2009	Johnson, Craig	171598	\$300.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
5/28/2009	Shue, Gilbert	173642	\$300.00
5/28/2009	Torres, Carlos	173656	\$300.00
5/28/2009	Vodvarka, Donald	173659	\$300.00
5/28/2009	Yam, Hoi	173665	\$300.00
Checks Posted This Month:		16 (1.9%)	\$5,504.33 (1.1%)

June 2009

6/30/2009	Dickerson, Samuel	174639	\$300.00
6/30/2009	Haas, Randy	174640	\$300.00
6/30/2009	Jeon, Yong Gyu	174641	\$300.00
6/30/2009	Magana, Frank	174642	\$300.00
6/30/2009	Scheenstra, Albert	174643	\$300.00
Checks Posted This Month:		5 (0.6%)	\$1,500.00 (0.3%)

July 2009

7/16/2009	Boden, Richard	174814	\$300.00
7/16/2009	Chen, Benjamin	174824	\$874.42
7/16/2009	Rodriguez, Raymond	174883	\$1,571.25
7/16/2009	Thompson, Vikki	174903	\$831.67
7/16/2009	Virani, Parveen	174915	\$300.00
Checks Posted This Month:		5 (0.6%)	\$3,877.34 (0.8%)

August 2009

8/6/2009	Bane, Lee	175199	\$616.67
8/6/2009	Hammersmith, Suzanne	175227	\$300.00
8/6/2009	Hoss, Sean	175230	\$1,837.50
8/6/2009	Navarro, Lauren	175246	\$300.00
8/6/2009	Pellitteri, Christine	175253	\$300.00
8/6/2009	Turner, Todd	175277	\$1,996.67
8/25/2009	Burleson, Andrew	175422	\$300.00
8/25/2009	Collazos, Rodrigo	175429	\$300.00
8/25/2009	Davidson, Daniel	175434	\$2,000.00
Checks Posted This Month:		9 (1.1%)	\$7,950.84 (1.6%)

October 2009

10/8/2009	Duran, Richard	176223	\$300.00
10/8/2009	Lluz, Jerome	176235	\$2,000.00
10/8/2009	Offerdal, Rodney	176249	\$300.00
10/8/2009	Repogle, James	176261	\$300.00
10/8/2009	Stone, Richard	176273	\$300.00
10/27/2009	Espinoza, Carla	176513	\$300.00
10/27/2009	Torres, Joseph & Cecilia	176515	\$2,000.00
10/29/2009	Andrade, Greg	176511	\$300.00
10/29/2009	Collette, Bill	176512	\$300.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
1/21/2010	Costello, Debora	177791	\$300.00
1/21/2010	Cruz, Joel	177793	\$300.00
1/21/2010	Garcia, Gloria	177812	\$1,466.00
1/21/2010	Garcia, Sylvia	177813	\$300.00
1/21/2010	Goss, Dorthy	177816	\$300.00
1/21/2010	Jordan, Margret	177826	\$249.62
1/21/2010	Oldar, Eric	177836	\$666.33
1/21/2010	Palmer, Harold	177838	\$1,259.33
1/21/2010	Pedro Jr., Gerardo	177839	\$963.33
1/21/2010	Potter, Melissa	177841	\$300.00
1/21/2010	Rodriguez, Leon	177847	\$300.00
1/21/2010	Trapp, Bennie	177857	\$2,000.00
1/28/2010	Bass, Michael	177879	\$300.00
1/28/2010	Baumstark, Maxine	177880	\$300.00
1/28/2010	Curtiss, Joan	177895	\$300.00
1/28/2010	Delgadillo, Manuel	177897	\$300.00
1/28/2010	Drayer, Michael	177898	\$300.00
1/28/2010	Finks, Wilbur	177904	\$300.00
1/28/2010	Goodrich, Peter	177916	\$300.00
1/28/2010	Hoel, Lorrie	177922	\$333.17
1/28/2010	Liao, Mary	177933	\$300.00
1/28/2010	Martin, Ray	177936	\$300.00
1/28/2010	Miyasato, Matt	177941	\$300.00
1/28/2010	Morrison, Karen	177943	\$448.80
1/28/2010	Peel, Richard	177955	\$300.00
1/28/2010	Pepe, Michael	177956	\$300.00
1/28/2010	Rhoads, James	177963	\$300.00
1/28/2010	Sheard, Ian	177972	\$300.00
1/28/2010	Taylor, Phillip	177978	\$300.00
1/28/2010	Watkins, Brenda	177988	\$300.00
1/28/2010	Whitman, Yasuko	177990	\$300.00

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Checks Posted This Month:	32 (3.9%)	\$14,753.25	(3%)
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February 2010

2/11/2010	Heene, Fred	178159	\$347.48
2/11/2010	Nelson, Dale	178187	\$300.00
2/11/2010	Shinn, Earl	178214	\$2,000.00

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Checks Posted This Month:	3 (0.4%)	\$2,647.48	(0.5%)
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March 2010

3/11/2010	Campuzano, Jacqui	178613	\$1,915.83
3/11/2010	Costa, Daniel	178622	\$300.00
3/11/2010	Elwell, Douglas	178626	\$300.00
3/11/2010	Kruse, Joan	178649	\$387.80

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
Checks Posted This Month:		13 (1.6%)	\$10,213.50 (2.1%)
June 2010			
6/16/2010	Alejo, Barbara	180441	\$300.00
6/16/2010	Ballinger, Marilyn	180448	\$300.00
6/16/2010	Briones, Reynaldo	180451	\$333.17
6/16/2010	Chapman, Monica	180456	\$300.00
6/16/2010	Diaz, Paulette	180467	\$300.00
6/16/2010	Diaz, Victoria	180468	\$300.00
6/16/2010	Gillen, Ron	180479	\$2,000.00
6/16/2010	Leggio, Michele	180497	\$300.00
6/16/2010	Mosteller, Victor	180507	\$399.99
6/16/2010	Ogg, Richard	180514	\$300.00
6/16/2010	Pun, Hon	180524	\$300.00
6/16/2010	Saloman, Jose	180532	\$531.67
6/16/2010	Tapia, Carlos	180541	\$666.33
Checks Posted This Month:		13 (1.6%)	\$6,331.16 (1.3%)
July 2010			
7/22/2010	Chang, Albert	181030	\$300.00
7/22/2010	Dalafu, Ephraim	181034	\$2,000.00
7/22/2010	Duran, Lisa	181037	\$1,762.08
7/22/2010	Hayes, Christine	181041	\$901.25
7/22/2010	Lugenbeel, Jim	181046	\$300.00
7/22/2010	Murillo, Rolando	181051	\$1,247.50
7/22/2010	McAndrew, Jan	181052	\$300.00
7/22/2010	Nally, Thomas	181053	\$1,131.67
7/22/2010	Santiago, Graciela	181062	\$2,000.00
7/22/2010	Shelton, Johnny	181063	\$300.00
7/22/2010	Venegas, Naomi	181070	\$2,000.00
7/22/2010	Voelker, Ryan	181075	\$2,000.00
7/22/2010	Watson, Suzanne & William	181076	\$300.00
7/22/2010	Gomez, Robert	181581	\$1,133.33
7/28/2010	Bean, Edd	181213	\$300.00
7/28/2010	Corvera, Carolyn	181223	\$300.00
7/28/2010	Flores, Jose	181244	\$1,745.00
7/28/2010	Garland, John	181249	\$1,950.00
7/28/2010	Hatton, Arthur	181254	\$300.00
7/28/2010	Iguchi, Michael	181258	\$300.00
7/28/2010	Kuperstein, Andrea	181266	\$300.00
7/28/2010	Ruegsegger, Richard	181291	\$2,000.00
7/28/2010	Taraporewalla, Merzi	181300	\$300.00
7/28/2010	Wallin, Meredith	181311	\$1,224.50
Checks Posted This Month:		24 (2.9%)	\$24,395.33 (4.9%)

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
11/23/2010	Babb, Patrick	183189	\$300.00
11/23/2010	Binkley, Charles	183191	\$300.00
11/23/2010	Dornan, Derick	183207	\$300.00
11/23/2010	Factor, Brenda	183210	\$1,960.41
11/23/2010	Galvan, Bernabe	183212	\$2,000.00
11/23/2010	Huang, Howard	183222	\$300.00
11/23/2010	James, Robert	183229	\$300.00
11/23/2010	Jones, Linda	183231	\$787.50
11/23/2010	Lake, John	183233	\$738.08
11/23/2010	Mang, Paula	183235	\$300.00
11/23/2010	Nazareno, Nenette	183243	\$300.00
11/23/2010	Paras, Marylou	183250	\$1,237.62
Checks Posted This Month:		14 (1.7%)	\$10,202.29 (2.1%)
December 2010			
12/22/2010	Cervantes, Alfonso	183661	\$300.00
12/22/2010	Che, Paul	183663	\$497.47
12/22/2010	Filart, George	183687	\$300.00
12/22/2010	Guillen, Jesus	183693	\$300.00
12/22/2010	Pattengell, Gladys	183729	\$300.00
12/22/2010	Riggs, Phyllis	183742	\$300.00
12/22/2010	Zalameda, Johnathan	183774	\$1,223.15
Checks Posted This Month:		7 (0.9%)	\$3,220.62 (0.7%)
January 2011			
1/10/2011	Blevins, William	183978	\$300.00
1/10/2011	Chen, David	183984	\$1,100.98
1/10/2011	Crandell, Kyle	183990	\$300.00
1/10/2011	Diaz, Ruben	183995	\$300.00
1/10/2011	Jacobson, Richard	184017	\$1,959.62
1/10/2011	Padilla, Lonnie	184036	\$466.03
1/10/2011	Wight, Don	184079	\$300.00
Checks Posted This Month:		7 (0.9%)	\$4,726.63 (1%)
February 2011			
2/10/2011	Arguello, Frances	184421	\$300.00
2/10/2011	Bonestroo, Edward	184424	\$300.00
2/10/2011	Chavez, David	184430	\$300.00
2/10/2011	Collins, Patrick	184437	\$1,708.34
2/10/2011	Craig, Alan	184439	\$300.00
2/10/2011	Ecklund, Beulah	184443	\$300.00
2/10/2011	Magruder, Ronald	184470	\$736.44
2/10/2011	Mancha, Minerva	184471	\$300.00
2/10/2011	Nair, Janet	184482	\$300.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
4/30/2011	Belknap, Andrea	185914	\$300.00
4/30/2011	Bergamo, Michael	185915	\$1,770.02
4/30/2011	Elliott, Catherine	185941	\$300.00
4/30/2011	Fan, Lin	185946	\$300.00
4/30/2011	Fine, Sandra	185950	\$300.00
4/30/2011	Fowler, James	185956	\$300.00
4/30/2011	Gross, William	185962	\$300.00
4/30/2011	Hamada, Dane	185964	\$300.00
4/30/2011	Hernandez, Talia	185967	\$300.00
4/30/2011	Kim, Jason	185982	\$300.00
4/30/2011	Kroll, Ervin	185984	\$300.00
4/30/2011	Llamas, Luis	185987	\$1,498.64
4/30/2011	Lopez, David	185988	\$300.00
4/30/2011	Maylad, Enrique	185990	\$300.00
4/30/2011	O'Donohue, Sean	185996	\$300.00
4/30/2011	Ortilla, August	186001	\$300.00
4/30/2011	Pierce, Elizabeth	186007	\$960.89
4/30/2011	Rasin, Lev	186010	\$300.00
4/30/2011	Rodriguez, Roy	186020	\$300.00
4/30/2011	Ronco, Barbara	186021	\$300.00
4/30/2011	Segalla, Paul	186026	\$2,000.00
4/30/2011	Shukla, Satindra	186028	\$550.86
4/30/2011	Stewart, Grace	186034	\$300.00
4/30/2011	Stodola, Thomas	186035	\$300.00

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Checks Posted This Month:	37 (4.5%)	\$24,008.07	(4.9%)
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May 2011

5/19/2011	Baronda, Valentino	186155	\$2,000.00
5/19/2011	Bradford, La Rita	186162	\$300.00
5/19/2011	Diec, Dawn	186187	\$300.00
5/19/2011	Gilman, Randy	186198	\$300.00
5/19/2011	Grimm, Gregory	186200	\$425.00
5/19/2011	Kihm, Mike	186214	\$2,000.00
5/19/2011	Marin, Melanie	186218	\$300.00
5/19/2011	Munar, Christine	186228	\$300.00
5/19/2011	Nevarez, Carolyn	186232	\$300.00
5/19/2011	Nunez, Pascual	186235	\$300.00
5/19/2011	Parra, Connie	186245	\$1,673.31
5/19/2011	Reyes, Ruben	186255	\$300.00
5/19/2011	Rodriguez, Jesse	186258	\$300.00
5/31/2011	Binder, Edward	186434	\$300.00
5/31/2011	Francev, Peter	186464	\$300.00
5/31/2011	Gillespie, Ronald	186468	\$940.07
5/31/2011	Grant, Theodore	186471	\$300.00



DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
8/29/2011	Stockton, Richard	188011	\$300.00
Checks Posted This Month:		10 (1.2%)	\$4,427.81 (0.9%)

September 2011

9/11/2011	Banuelos, Gonzalo	188401	\$300.00
9/11/2011	Cataldo, Matthew	188410	\$300.00
9/11/2011	Ignacio, Peter	188433	\$300.00
9/11/2011	Jones, Lynn & Lorraine	188439	\$300.00
9/11/2011	Kingston, Bryan	188442	\$1,521.26
9/11/2011	Kit, Bohdan	188443	\$300.00
9/11/2011	Mastellos, Tony	188448	\$300.00
9/11/2011	Perdomo, Marcos	188458	\$2,000.00
9/11/2011	Polk, Tiffany	188461	\$2,000.00
9/11/2011	Qian, Zhengoi	188462	\$300.00
9/11/2011	Vasquez, Frank	188478	\$1,416.90
9/30/2011	Chang, Weihsiu	188518	\$300.00
9/30/2011	Cox, Dennis & Jeannette	188527	\$300.00
9/30/2011	Kolar, Nicolette	188560	\$300.00
9/30/2011	Malinowski, Robert & Amy	188568	\$300.00
Checks Posted This Month:		15 (1.8%)	\$10,238.16 (2.1%)

October 2011

10/20/2011	Abramsky, Donald	188723	\$300.00
10/20/2011	Darst, Kenneth	188756	\$300.00
10/20/2011	Nicholson, William	188796	\$300.00
10/20/2011	Sanchez, Adrian	188822	\$2,000.00
10/31/2011	Lau, Melody	189049	\$300.00
Checks Posted This Month:		5 (0.6%)	\$3,200.00 (0.6%)

November 2011

11/10/2011	Chock, Jonathan	189203	\$300.00
11/10/2011	Garlow, Joan	189205	\$1,406.39
11/10/2011	Kishi, Raymond	189207	\$300.00
11/10/2011	Martin Del Campo, Maria	189209	\$300.00
11/10/2011	Mendez, Enrique	189213	\$300.00
11/10/2011	Neal, Jane	189216	\$2,000.00
11/10/2011	Orozco, Carmen	189223	\$300.00
11/10/2011	Yang, Maribel	189238	\$300.00
11/17/2011	Kirby, Gary	189298	\$300.00
11/30/2011	Latham, Chris & Tricia	189654	\$2,000.00
11/30/2011	McLean, Deborah	189663	\$300.00
11/30/2011	Shepherd, Chaffey	189687	\$2,000.00
11/30/2011	Watanabe, Anna	189703	\$300.00
11/30/2011	Xu, Hao	189711	\$300.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
4/30/2012	Reyna, Victoria	192240	\$300.00
4/30/2012	Rios, Cindy	192241	\$2,000.00
4/30/2012	Sanchez, Adam	192252	\$1,896.90
4/30/2012	Williams, Diane & Catina	192285	\$2,000.00
Checks Posted This Month:			9 (1.1%) \$9,164.05 (1.9%)

May 2012

5/31/2012	Arenas, Valentino	192897	\$300.00
5/31/2012	Lad, Dalu	192898	\$529.16
5/31/2012	Liu, Yihui	192899	\$300.00
5/31/2012	Massey, Jocelyn	192900	\$300.00
5/31/2012	Romero, Raymond & Daphne	192901	\$300.00
5/31/2012	Sherwood, Maris	192902	\$1,258.75
Checks Posted This Month:			6 (0.7%) \$2,987.91 (0.6%)

June 2012

6/18/2012	Abutin, Dan	193068	\$300.00
6/18/2012	Chavarria, T. Mireya	193086	\$1,398.28
6/18/2012	Conant, Ronald	193096	\$2,000.00
6/18/2012	Haque, Nurul	193113	\$300.00
6/18/2012	McCarron, William	193131	\$2,000.00
6/18/2012	Montes, Ana	193137	\$300.00
6/18/2012	Stauffacher, Robert & Kathy	193180	\$300.00
6/18/2012	Torres, Nidia	193187	\$300.00
Checks Posted This Month:			8 (1%) \$6,898.28 (1.4%)

July 2012

7/12/2012	Elias, Gina	193451	\$300.00
7/12/2012	Johnson, Sheila	193472	\$1,919.44
7/12/2012	Muzquiz, Christopher	193485	\$300.00
7/12/2012	Thomson, Jack & Lorraine	193521	\$300.00
Checks Posted This Month:			4 (0.5%) \$2,819.44 (0.6%)

August 2012

8/16/2012	Cannon, Freddie	194012	\$300.00
8/16/2012	Craibe, Roby	194020	\$300.00
8/16/2012	Cruz, Gerardo	194021	\$2,000.00
8/16/2012	Montiel, Rudolf	194048	\$300.00
8/16/2012	Nourse, Robert	194055	\$300.00
8/16/2012	Ryall, Kristine	194073	\$300.00
8/16/2012	Tai, Yuan-Shan	194084	\$300.00
8/22/2012	Barragan, Wanda	194109	\$2,000.00
8/22/2012	Barraza, Margarita	194110	\$300.00
8/22/2012	Gabra, Mohab	194136	\$2,000.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
12/6/2012	Reynoso, Jennifer	195719	\$300.00
12/21/2012	Bootsma, Jim	196012	\$300.00
12/21/2012	Botello, Gerald & Theresa	196013	\$300.00
12/21/2012	Brooks, John	196014	\$300.00
12/21/2012	Choudhry, Charmaine	196018	\$300.00
12/21/2012	Cork, Donald	196019	\$300.00
12/21/2012	Evaro, Cindy	196020	\$300.00
12/21/2012	Gomez, Jr., Luis	196021	\$2,000.00
12/21/2012	Love, Steve	196023	\$300.00
12/21/2012	Perez, Alicia	196028	\$300.00
12/21/2012	Santos, Manny	196034	\$300.00
12/21/2012	Steen, Jason	196037	\$300.00
Checks Posted This Month: 17 (2.1%)			\$6,800.00 (1.4%)

January 2013

1/31/2013	Aramburo, Rosie	196467	\$300.00
1/31/2013	Arastu, Sayeed	196468	\$300.00
1/31/2013	Henderson, Richard	196500	\$300.00
1/31/2013	Ho, Son	196501	\$300.00
1/31/2013	Jones, Larry	196510	\$300.00
1/31/2013	Pigott, Joe	196519	\$300.00
1/31/2013	Torres, Rommel	196530	\$300.00
Checks Posted This Month: 7 (0.9%)			\$2,100.00 (0.4%)

March 2013

3/4/2013	Bhasin, Bahwinder	197052	\$300.00
3/14/2013	Blatnick, Mary	197054	\$300.00
3/14/2013	Bridge, Donald	197055	\$2,000.00
3/14/2013	Dominguez, Glen	197069	\$300.00
3/14/2013	Guerrero, Irma	197076	\$300.00
3/14/2013	Moreno, Manuel	197089	\$300.00
3/14/2013	Rivera, Gilbert	197097	\$300.00
3/14/2013	Zell, Darryl	197112	\$2,000.00
3/21/2013	Buffington, Alvin	197138	\$300.00
3/21/2013	Hoffmann, Harold	197171	\$300.00
3/21/2013	Palencia, Melvin	197194	\$995.89
3/21/2013	Pan, Lichen	197195	\$300.00
3/21/2013	Pederson, Donald	197197	\$1,440.57
Checks Posted This Month: 13 (1.6%)			\$9,136.46 (1.8%)

May 2013

5/2/2013	Johnson, Rocky	197800	\$300.00
5/2/2013	Mendoza, Ambrosio	197812	\$300.00
5/2/2013	Rodriguez, Carmen	197831	\$300.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
11/14/2013	Castillo, Frank	200628	\$300.00
11/14/2013	Coglietti, Sandy	200638	\$300.00
11/14/2013	Lacey, Susan	200675	\$300.00
11/14/2013	Santa Ana, Rosellee	200704	\$300.00
Checks Posted This Month:		5 (0.6%)	\$1,500.00 (0.3%)

#### December 2013

12/5/2013	Serafica, Alark	200983	\$2,000.00
12/5/2013	Sy, Peter	200991	\$300.00
12/5/2013	Wu, Elaine	201001	\$300.00
12/12/2013	Castellanos, Mario	201103	\$1,545.84
12/12/2013	Ehrnman, Roger	201105	\$1,670.43
12/12/2013	Jackson, Dustin	201110	\$300.00
12/12/2013	Lee, Timmothy	201111	\$300.00
12/19/2013	Herrera, Jose	201292	\$300.00
12/19/2013	Robles, Robert & Minnie	201325	\$300.00
12/24/2013	Zavalza, Ruben	201370	\$2,000.00
Checks Posted This Month:		10 (1.2%)	\$9,016.27 (1.8%)

#### February 2014

2/14/2014	Canich, David	201924	\$300.00
2/14/2014	Suit, Richard & Veronica	201998	\$300.00
2/28/2014	Gonzalez, Lawrence	202185	\$300.00
2/28/2014	Hart, Taylor	202191	\$300.00
2/28/2014	Perez, Evelia	202212	\$300.00
2/28/2014	Singleton, Valerie	202226	\$300.00
Checks Posted This Month:		6 (0.7%)	\$1,800.00 (0.4%)

#### March 2014

3/20/2014	Arroyo, Anna	202485	\$300.00
3/20/2014	Fulton, Doug	202515	\$300.00
Checks Posted This Month:		2 (0.2%)	\$600.00 (0.1%)

#### April 2014

4/3/2014	Colizzi, Chad	202745	\$300.00
4/3/2014	Greager, Ed	202747	\$300.00
4/3/2014	Immekus, Larry	202749	\$300.00
Checks Posted This Month:		3 (0.4%)	\$900.00 (0.2%)

#### May 2014

5/15/2014	Givens, Sherry	203317	\$300.00
5/22/2014	Siguenas, Segundo	203458	\$300.00
Checks Posted This Month:		2 (0.2%)	\$600.00 (0.1%)

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
February 2015			
2/11/2015	Funk, Bruce	207266	\$300.00
2/23/2015	Brown, Linda	207459	\$300.00
2/23/2015	Carter, Sherri	207466	\$300.00
2/23/2015	Cross, Robert	207475	\$1,139.06
2/23/2015	Gonzalez, Justo	207490	\$300.00
2/23/2015	Hopley, Eric	207496	\$300.00
2/23/2015	Kubeck, Edward	207505	\$300.00
2/23/2015	Malone, Janice	207511	\$300.00
2/23/2015	Presley, Georgia	207536	\$300.00
2/23/2015	Ramirez, Louis	207539	\$300.00
2/23/2015	Ryerson, Janet	207550	\$300.00
2/23/2015	Toca, Steve	207562	\$300.00
2/23/2015	Wolf, Steven	207587	\$300.00
Checks Posted This Month:		13 (1.6%)	\$4,739.06 (1%)
March 2015			
3/2/2015	Douty, Bryan	207478	\$300.00
Checks Posted This Month:		1 (0.1%)	\$300.00 (0.1%)
April 2015			
4/6/2015	Autry, Stephanie	208018	\$300.00
4/6/2015	Chiappone, Virginia	208030	\$300.00
4/6/2015	Harinath, Geetha	208049	\$425.00
4/6/2015	Ibarra, Maximo	208052	\$300.00
4/6/2015	Ingoglia, Sylvia	208053	\$300.00
4/6/2015	Josefson, Richard	208058	\$300.00
4/6/2015	Scott, Danny	208074	\$300.00
4/30/2015	Thompson, Janine	208507	\$300.00
4/30/2015	Holzmeister, Esther	208507	\$300.00
4/30/2015	Jackson, Thomas	208511	\$300.00
4/30/2015	Ng, Larry	208523	\$300.00
4/30/2015	Paton, Linda	208529	\$300.00
4/30/2015	Tolliver, Dan	208564	\$420.91
Checks Posted This Month:		13 (1.6%)	\$4,145.91 (0.8%)
May 2015			
5/28/2015	Bonilla, Andres	208949	\$953.61
5/28/2015	Ha, Anthony	208988	\$300.00
5/28/2015	Ho, Shukoon	208991	\$469.06
5/28/2015	Jenkins, Kimberly	208996	\$300.00
Checks Posted This Month:		4 (0.5%)	\$2,022.67 (0.4%)

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
11/20/2015	Corsair, Anson	211744	\$300.00
11/20/2015	Espinoza, Carlos	211754	\$550.76
11/20/2015	Hsiao, Mai-Tzu	211771	\$300.00
11/20/2015	Vazquez, Ruth	211800	\$643.22
Checks Posted This Month: 4 (0.5%)			\$1,793.98 (0.4%)

December 2015

12/15/2015	Johnson, Jefferson	21194	\$300.00
12/15/2015	Stukey, David	211994	\$300.00
Checks Posted This Month: 2 (0.2%)			\$600.00 (0.1%)

January 2016

1/4/2016	Reyes, Leo	212320	\$300.00
1/5/2016	Griffith, Dan	212285	\$300.00
1/5/2016	Herron, Jacorey	212288	\$300.00
1/5/2016	Mitchell, Cindy	212310	\$300.00
1/5/2016	Sekayan, Thomas	212324	\$300.00
Checks Posted This Month: 5 (0.6%)			\$1,500.00 (0.3%)

February 2016

2/2/2016	Baldovino, Antonelo	212598	\$300.00
2/2/2016	Fairweather, David	212625	\$300.00
2/2/2016	Mathis, Alma	212646	\$464.93
2/2/2016	Strickland, Holly	212657	\$2,000.00
2/25/2016	Gervacio, Alfred	212944	\$300.00
2/25/2016	Hugo, Gerardo	212956	\$300.00
2/25/2016	Ponce, Geoffrey	212983	\$300.00
2/29/2016	Gonick, Ava	212948	\$300.00
Checks Posted This Month: 8 (1%)			\$4,264.93 (0.9%)

March 2016

3/3/2016	Abujudeh, Najeeb	213065	\$300.00
3/30/2016	Dixon, Craig	213404	\$423.55
3/30/2016	Montalvo, Rudy	213434	\$300.00
3/30/2016	Perez, Carlos	213440	\$300.00
3/30/2016	Qiu, Rowena	213443	\$300.00
Checks Posted This Month: 5 (0.6%)			\$1,623.55 (0.3%)

April 2016

4/4/2016	Espinosa, David	213480	\$300.00
4/4/2016	Gerstenberger, Robert	215036	\$300.00
4/8/2016	Jarvis, Leanne	213631	\$300.00
4/8/2016	Juarez, Jorge	213632	\$300.00
4/19/2016	Estrada, Arturo	213725	\$2,000.00

DateCheckPostedSAP	CustomerName	Check_Number	Check_Amount
11/23/2016	Aristizabal, Claudia	216932	\$300.00
11/23/2016	Hsieh, Tony	216935	\$300.00
11/23/2016	Hubanks, Carolyn	216936	\$300.00
Checks Posted This Month:		3 (0.4%)	\$900.00 (0.2%)

December 2016

12/13/2016	Cook, Patricia	217100	\$300.00
Checks Posted This Month:		1 (0.1%)	\$300.00 (0.1%)

January 2017

1/5/2017	Adams, Jason	217426	\$2,000.00
1/5/2017	Cook, Katherine	217446	\$300.00
Checks Posted This Month:		2 (0.2%)	\$2,300.00 (0.5%)

March 2017

3/7/2017	, Meridian Property Group	218137	\$300.00
3/7/2017	Agarwal, Hari	218138	\$300.00
3/7/2017	Anderson, Deanna	218142	\$300.00
3/7/2017	Cabrera, Steven	218147	\$658.37
3/7/2017	Chen, Kevin	218154	\$419.68
3/7/2017	Farag, Habib	218166	\$300.00
3/7/2017	Gutierrez, Daniel	218176	\$300.00
3/7/2017	Knapp, Loretta	218193	\$300.00
3/7/2017	Lee, Richard	218194	\$300.00
3/7/2017	Males, Marilee	218197	\$300.00
3/7/2017	Moreno, Rogelio	218201	\$300.00
3/7/2017	Ramirez, Gus	218216	\$300.00
3/7/2017	Siu, Stanley	218227	\$300.00
3/7/2017	Tulac, Donald	218236	\$1,469.62
3/7/2017	Wang, Shiow Yueh	218248	\$300.00
3/7/2017	Woods, Tracy	218254	\$1,673.96
3/15/2017	Arrieta, Hector	218372	\$300.00
3/16/2017	Adams, Jennifer	218364	\$300.00
3/23/2017	Arnold, Carl	218486	\$300.00
3/23/2017	Davis, George	218507	\$300.00
3/23/2017	Lorenz, Ana	218530	\$1,923.78
3/23/2017	Montes, Lilia	218537	\$300.00
3/23/2017	Williams, Derek	218591	\$300.00
Checks Posted This Month:		23 (2.8%)	\$11,545.41 (2.3%)

April 2017

4/6/2017	Zhang, Tian	218682	\$1,186.76
Checks Posted This Month:		1 (0.1%)	\$1,186.76 (0.2%)



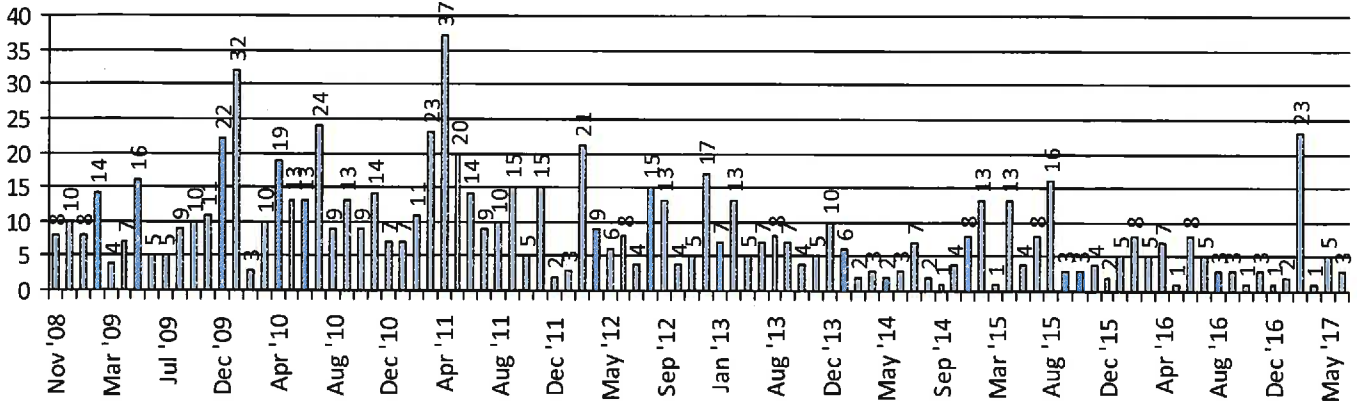


# SRWS Removed, Salt and Water Savings (Summary)

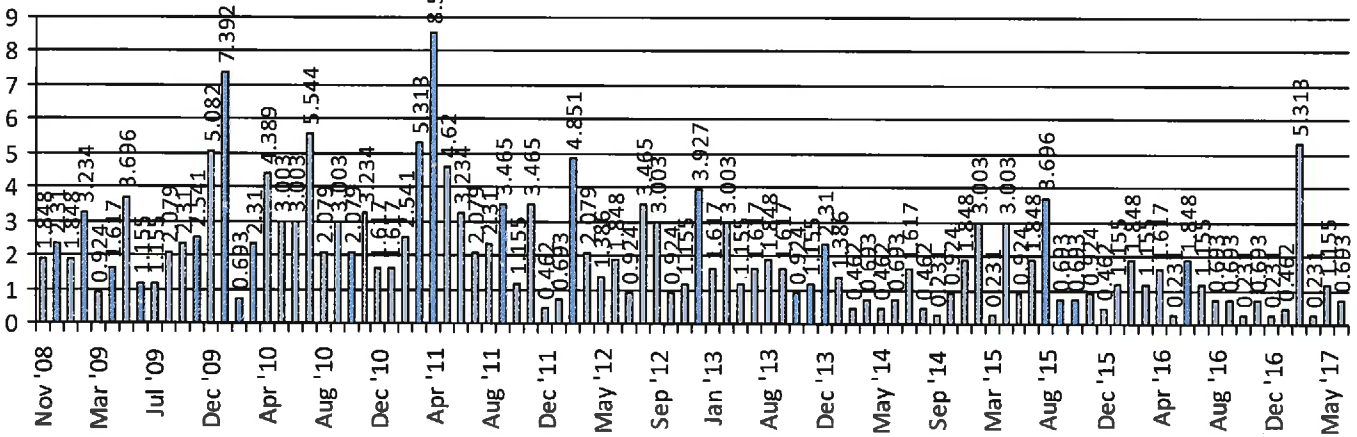
Start Date: 7/1/2008

End Date: 6/30/2017

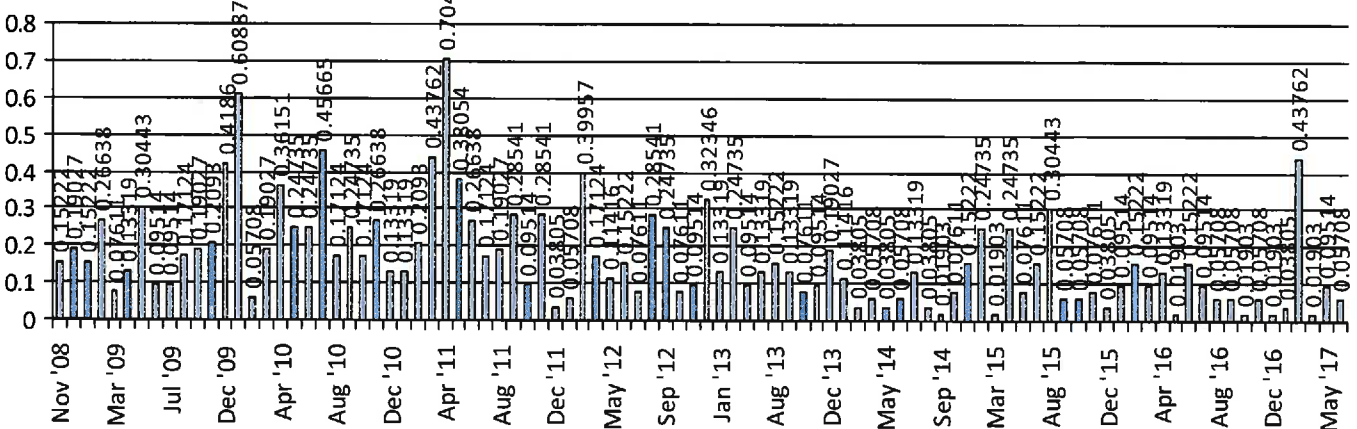
### SRWS Removed (Program Inception in Sept. 2008)



### Salt Removed (tons/yr)



### Water Savings (AF/yr)



# Our New 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.**



Inland Empire  
UTILITIES AGENCY

Brought to you by the Inland Empire Utilities Agency  
in partnership with your local water provider.

Visit [www.IEUA.org](http://www.IEUA.org) or call (909) 993-1550 today  
to get your rebate.

# CASH FOR THE HOLIDAYS

## 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

Rebate up to \$2,000. Free disconnection and removal of water softener.

***It's that important.***



Brought to you by the  
INLAND EMPIRE UTILITIES AGENCY  
in partnership with your local water provider: Cities of Chino, Chino Hills, Fontana, Upland, Cucamonga Valley Water District, Fontana Water Company, Monte Vista Water District, and Ontario Municipal Utilities Company.



Visit [www.IEUA.org](http://www.IEUA.org) or call (909) 993-1550 for rebate qualifications.

NEWS RELEASE



**CONTACT:**  
Kathy Besser  
Executive Manager of External Affairs and  
Policy Development / AGM  
Inland Empire Utilities Agency  
909.993.1838  
[kbesser@ieua.org](mailto:kbesser@ieua.org)

**Inland Empire Utilities Agency  
Supports National Prescription Drug Take-Back Day**

**Inland Empire, CA** - On Saturday, April 29 from 10 a.m. to 2 p.m. facilities throughout the region will open their doors to receive unwanted or unused prescription medication during National Prescription Drug Take-Back Day. The event allows residents a venue to safely dispose of expired, unused, and unwanted prescription drugs. Only pills or patches will be accepted. The service is free and anonymous.

Following is a partial list of local drop-off locations:

- City of Chino Police Department - 5450 Walnut Avenue, Chino 91710
- City of Chino Household Hazardous Waste Collection Facility - 5050 Schaefer Avenue, Chino 91710
- City of Chino Hills Sheriff Department - 14282 Peyton Drive, Chino Hills 91709
- City of Fontana Police Department - 17005 Upland Avenue, Fontana 92335
- City of Fontana Household Hazardous Waste - 16454 Orange Way, Fontana 92323
- City of Montclair Police Department - 4870 Arrow Highway, Montclair 91763
- City of Ontario Police Department - 2500 S. Archibald Avenue, Ontario 91761
- City of Ontario Household Hazardous Waste Collection Facility - 1430 S. Cucamonga Avenue, Ontario 91761
- City of Ontario Senior Center - 225 E. B Street, Ontario 91762
- City of Rancho Cucamonga Sheriff Department - 10510 Civic Center Drive, Rancho Cucamonga 91730
- City of Rancho Cucamonga Household Hazardous Waste Collection Facility  
8794 Lion Street, Rancho Cucamonga 91730
- City of Upland Police Department - 1499 W. 13th Street, Upland 91786
- City of Upland Household Hazardous Waste Collection Facility - 1370 N. Benson Avenue, Upland 91786

For more information on available locations, please visit [www.ireviewer.com/ieua/faq/faq\\_disposal/takeback/](http://www.ireviewer.com/ieua/faq/faq_disposal/takeback/).

The Inland Empire Utilities Agency supports the "No Drugs Down the Drain" campaign. The campaign informs California residents about the problems associated with flushing unused, unwanted, and expired medications down the toilet or drain. The program provides safe and proper disposal choices. Safety disposing of unused medications helps protect the environment and water supply. To learn more about safely disposing of prescription medication, please visit [www.nodrugsdownth drain.org](http://www.nodrugsdownth drain.org) or [www.ieua.org](http://www.ieua.org).

The Inland Empire Utilities Agency covers 242-square miles, distributes imported water, provides industrial/municipal

wastewater collection and treatment services, and other related utility services to more than 875,000 people through its member agencies which include Chino, Chino Hills, Cucamonga Valley Water District, Fontana, Fontana Water Company, Montclair, Monte Vista Water District, Ontario, and Upland.





Providing high quality water service while ensuring fiscal responsibility, ethical conduct, and environmental stewardship



### Water Saving Tip

Capturing air conditioning run off *You'll save 9 gallons a day!*

[Read more tips...](#)

### Find Out About...

- [Best Practices](#)
- [Reporting Water Wasters](#)
- [Rebates and Incentives](#)
- [Garden Class Signup](#)
- [Resources for Teachers](#)
- [Stuff for Kids](#)

### Today's Watering Index

Home > How To Videos > **Rebates and Incentives**

**Also see:** Best Practices, Commercial, Industrial & Institutional Rebates, Free Landscape Irrigation Evaluation, Free Nozzle Installations, Free Residential Retrofit Program, Free Smart Controller Installation Program, Free Sprinkler Nozzles, Partnerships in Water Conservation, Recommended Watering Schedules, Residential Rebates, Resources for Teachers, Water Saving Tips, Water Wise Gardening Classes, Water Wise Landscaping

## Rebates and Incentives

In its efforts to assist customers in using water wisely, Monte Vista Water District provides the following water use efficiency incentive and rebate programs:



- [Free Regional Residential Landscape Surveys and Retrofit Program](#)
- [Free Smart Controller Installation Program](#)
- [Free Sprinkler Nozzles Program](#)
- [Free Landscape Irrigation Evaluation](#)
- [Residential Rebates \[external link\]](#)
- [Commercial, Industrial & Institutional Rebates \[external link\]](#)
- [Water Softener Removal Rebate \[external link\]](#)

The District also recommends that customers take advantage of rebate and incentive opportunities from the following local utilities and state programs:

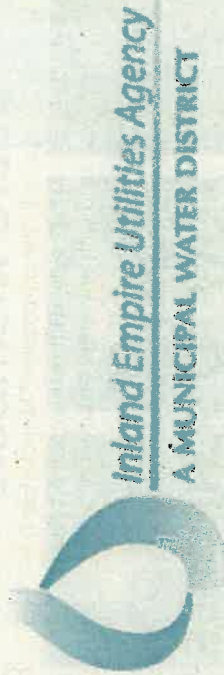
- [Southern California Edison \[external link\]](#)
- [Southern California Gas Company \[external link\]](#)

1-16-17

# water softener removal

- Protecting our local water supply is critical. Residential self-regenerating water softeners – the kind that uses rock salt or potassium chloride pellets – pose a serious water quality problem for our communities.
- On average, a single self-regenerating water softener contributes up to 30 pounds of salt each month into our community's water treatment system. That salt ultimately ends up in our groundwater and recycled water supplies. Salt is the single most important constraint on our future ability to use groundwater and recycled water, our most reliable and drought-resilient local water supply.
- IEUA, in partnership with local water providers, offers a rebate (up to \$2,000) to remove your self-regenerating water softener in order to help protect and sustain our water supply.

Call (909) 993-1550 for rebate information.



**Check out [www.IEUA.org](http://www.IEUA.org) for water saving rebates or  
call (909) 993-1600 for more information.**

Partnering Agencies: Inland Empire Utilities Agency, City of Chino, City of Chino Hills, Cucamonga Valley Water District, Fontana Water Company, Monte Vista Water District, Ontario Municipal Utilities Company, and the City of Upland.

***IEUA Member Agency***

***Public Outreach and Educational Materials***

***FY 2016-2017***

- ***City of Chino Hills***
- ***Cucamonga Valley Water District***
- ***Fontana Water Company***
- ***Monte Vista Water District***
- **Ontario Municipal Utilities Company**

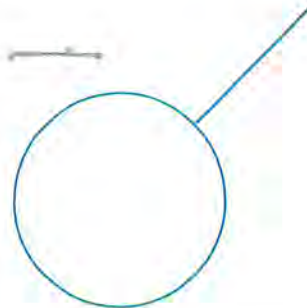


*IEUA Member Agency Public Outreach &  
Educational Materials*

*FY 2016-2017*

*City of Chino Hills*





## WATER USE NOTIFICATION

**MODERATE**



**Stage II**

A Stage II—Moderate Water Conservation Alert has been declared because the City projects that the drought will continue for the foreseeable future for Southern California.

Please take a moment to review the City's Water Conservation Ordinance requirements at [www.chinohills.org/WaterAlert](http://www.chinohills.org/WaterAlert). Water saving tips and programs are available on the website at [www.chinohills.org/water conservation](http://www.chinohills.org/water conservation). You may also call (909) 364-2850 for more information. Please do your part to conserve this precious resource.

Address: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

By: \_\_\_\_\_

**The following violations of the Water Conservation Ordinance No. 300u and Municipal Code 13.08.070 were observed on your property:**

- Watering between 9:00 a.m. and 6:00 p.m.
- Irrigation on a non-scheduled day. (Please see back of this notice for designated irrigation days.)
- Water runoff onto hardscape: Sidewalks, driveways, patios, etc.
- Washing of hardscape: Sidewalks, driveways, patios, etc.
- Water Leak: Repair within 48 hours after notification by the City
- Washing a vehicle, boat, etc. without the use of a shut-off nozzle.
- Irrigation during and/or within 48 hours of measurable rainfall (1/10" or more).
- Swimming pool filling or refilling on non-designated irrigation days.
- \_\_\_\_\_

**Repeat violations or failure to repair leaks or adjust irrigation systems may result in enforcement actions including fines. Call (909) 364-2850 for more information.**

**The Ordinance does apply to the use of recycled water.**



## Designated Watering Days & Times

- Residential addresses ending in an **EVEN** number may use outdoor water on **MONDAYS, WEDNESDAYS, and SATURDAYS.**

Example: 1234 Peyton Drive, Chino Hills, CA 91709

- Residential addresses ending in an **ODD** number may use outdoor water on **TUESDAYS, THURSDAYS, and SUNDAYS.**

Example: 2345 Peyton Drive, Chino Hills, CA 91709

- **Non-residential** addresses may use outdoor water on **MONDAYS, WEDNESDAYS, and FRIDAYS,** irrespective of address.

OUTDOOR WATERING MAY **NOT** OCCUR BETWEEN  
THE HOURS OF 9:00 a.m.—6:00 p.m.

**NO EXCEPTIONS**

The Ordinance does not apply to the use of recycled water.

For more conservation tips, please visit  
[www.chinohills.org/waterconservation](http://www.chinohills.org/waterconservation)  
or call (909) 364-2850.

## Penalties

### 1.36.020 - Punishments

Any conviction of an infraction under the provisions of this code shall be punishable for:

**First Conviction:** Fine of not more than one hundred dollars (\$100.00)

**Second Conviction:** Within a period of one year from the 1st conviction will result in a fine of not more than two hundred dollars (\$200.00)

**Third or Any Subsequent Conviction:** Within a period of one year will result in a fine of not more than five hundred dollars (\$500.00)

Any provision or requirement of this code or of any code adopted by reference by this code or of any ordinance of the city not included within this code, the violation of which or the failure to comply with which is designated as an infraction, shall be prosecutable as a misdemeanor upon a fourth violation within a period of one year and each violation thereafter of the same provision by the same individual within a period of one year.



HI, I'M RECYCLED WATER!  
I FLOW THROUGH **PURPLE PIPES**  
& HELP WATER **PARKS & PLANTS!**



I help **California**  
save water!





# The Water Cycle

sponsored by  
  
The Metropolitan Water District  
of Southern California





# Autumn-Landscape Heaven

Basic Landscape Design ~ Drought-Tolerant Maintenance ~ Irrigation

The City of Chino Hills Invites Residents to a  
Free Autumn-Landscape Heaven Class!

Topics Include:

Basic Drought Tolerant Landscape Design and Maintenance &  
How to Manage Your Irrigation System

Saturday, October 22<sup>nd</sup>

9:00 – 11:00 a.m.

Upland Public Works Building  
1370 N. Benson Avenue, Upland

A reservation is required! Call (909) 364-2804 or email your  
name and contact information to [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org) by Oct. 21st  
to reserve your space at this free class!

Attendees may win a conservation gift bag!



Sponsored by





# Take control of your landscape!



FREE Landscape Workshop offered by the City of Chino Hills

Saturday, May 20, 2017 / 9:00 to 11:00 a.m.

Chino Hills Public Works City Yard, 15091 La Palma Ave., Chino

Learn about basic landscape irrigation, irrigation controllers, and more!

Call (909) 364-2804 or email [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org) to reserve a seat.  
Space is limited. ♦ Attendees will receive a water conservation gift bag.





# Take the **PRESSURE OFF**

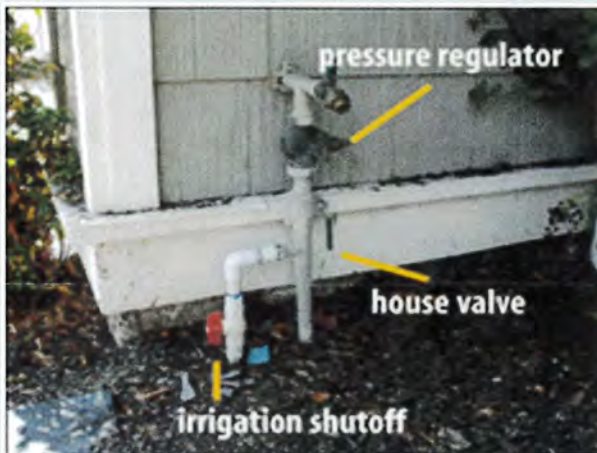


Do you have:

- **Faucets that Leak When they are Turned Off?**
- **A High Rate of Water Flow When You Turn on the Faucet?**
- **A Water Pressure Regulator?**

You may have a high water pressure problem! See if you qualify for this **FREE** program! Limited grant funding will be used to repair or replace your water pressure regulator on a first come, first- served basis.

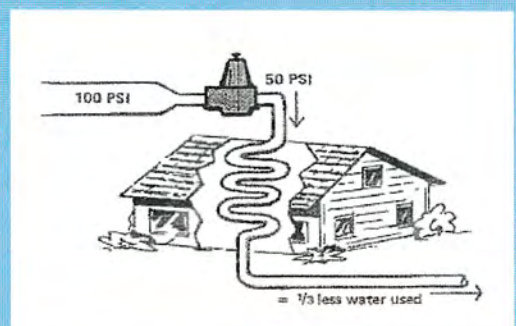
**Take Advantage of the FREE Water Pressure Regulator Repair or Replacement Program**



Installing a water regulator may:

- **SAVE Water and Energy**
- **SAVE on Maintenance Costs**
- **INCREASE the Life of Appliances**
- **INCREASE the Longevity of Home Pipes**

Contact the Public Works Department for more information or to enroll in this **FREE** Program! A licensed plumber will check and repair or replace your water pressure regulator if you qualify. Call **(909)364-2804** or email [jloukeh@chinohills.org](mailto:jloukeh@chinohills.org)







Since September 2013,  
Chino Hills has saved over  
1 billion gallons of water.

*Thank You Chino Hills!*  
*KEEP CONSERVING TO MAKE OUR WATER LAST.*



City of  
Chino Hills

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





# Stage II Moderate Water Conservation Alert Has Been Declared and An Urgency Water Conservation Ordinance Has Been Adopted

## Outdoor Watering Increased to 3 Days Per Week

On Tuesday, July 12, 2016, the Chino Hills City Council took action on an Urgency Water Conservation Ordinance and declared a Stage II Moderate Water Conservation Alert that went into effect immediately and now permits the community to use water for outdoor irrigation three times per week. The action by the City Council keeps the City of Chino Hills in compliance with the Governor's May 9, 2016 Executive Order and the May 18, 2016 State Water Resources Control Board's (SWRCB) extended emergency regulations. This action comes after City Water Staff completed an analysis and determined that if the drought conditions persist over the next three years, the City of Chino Hills' water supply would slightly exceed demand by one percent.



### What are the Stage II Moderate Water Conservation Alert Restrictions?

#### Watering Days Are Assigned By Street Address

The designated watering days for outdoor irrigation are:

- **Residential** addresses ending in an **even** number may use water on Mondays, Wednesdays, & Saturdays

Ex. 1234 Main Street

- **Residential** addresses ending in an **odd** number may use water on Tuesdays, Thursdays, & Sundays

Ex. 1235 Main Street

- **Non-residential** addresses may use water on Mondays, Wednesdays, & Fridays

**Watering between the hours of 9:00 a.m. and 6:00 p.m. is prohibited!**

Residents and businesses are limited to three watering days per week and shall not exceed 15 minutes per watering station (total). An exception for drip or micro-spray irrigation systems will be permitted but shall not exceed 30 minutes per station (total).

#### Additional Stage II Restrictions:

- Prohibits the application of water to hard surfaces such as sidewalks, driveways, and parking areas or irrigation causing runoff, etc.
  - Requires the repair of leaks within 48 hours of notification by the City
  - Prohibits use of a hose without a shut-off valve
  - Prohibits irrigating outdoor landscape during or 48 hours after measureable rain (1/10" or more within a 48-hour period)
  - Limits pool filling to the assigned watering days
  - Decorative water fountains at commercial properties may only be operated if the water is part of a recirculating system
  - Vehicles, trailers, boats, and livestock can be washed with a hand-held hose equipped with a shut-off nozzle
  - Restaurants may not serve water unless the customer requests water
  - Water may not run off or leak from landscaped areas to streets, sidewalks, or other paved areas due to incorrectly directed or maintained sprinklers, or over watering
  - Fire hydrants may only be used for firefighting
- \*An exception may be made for construction use through a City-designated meter when recycled water is not available.

**Businesses may resume the use of outdoor misting devices.**

#### To Learn More:

Education is an important part of the City's efforts and we encourage our residents to help share this information with friends and neighbors.

#### Water Conservation Information & Rebate Offers:

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

#### To Report A Water Concern:

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

**Water Conservation Hotline • (909) 364-2850**



- Focusing on dry spots while hand watering, and making sure to pay attention to avoid runoff, saves 750 - 1,500 gallons per month
- Reducing irrigation cycles saves 15 - 25 gallons per minute
- Irrigating your landscape in the early morning hours (5 a.m.) saves 20 - 25 gallons on your watering day
- Adjusting sprinklers to avoid unnecessary overspray saves 500 gallons per month
- Fixing leaky and broken sprinkler heads saves 20 gallons per day
- Replacing spray head nozzles with water efficient nozzles saves 1,200 gallons per year, per nozzle
- Using drip systems or bubblers to irrigate your flower and shrub beds saves 20 - 25 gallons per day
- Using pool and spa covers saves 30 gallons per day
- Repairing leaks around hose bibs, spigots, and pool and spa pumps saves 15 - 20 gallons per day
- Cleaning pool filters manually, rather than backwashing them, saves 250 - 1,000 gallons per cleaning
- Fixing leaky faucets and toilets saves 20 - 50 gallons per day, per fixture
- Installing aerators on all faucets saves 4.7 gallons per day, per faucet
- Running only full loads in your clothes washer and dishwasher saves 300 - 800 gallons per month
- Keeping your showers to less than 10 minutes saves 700 gallons per month
- Turning the water off while brushing your teeth or shaving saves 240 gallons per month
- Avoiding using toilets as trash cans saves 400 - 600 gallons per month
- Replacing old toilets with more water efficient toilets saves 2.2 - 3.8 gallons per flush
- Replacing old clothes washers with high efficiency clothes washers saves 20 - 30 gallons per load
- Replacing old showerheads with showerheads that use 2.5 gallons per minute saves 1,000's of gallons of per month
- Turning the water off while hand washing dishes saves 2.5 gallons per minute



*IEUA Member Agency Public Outreach &  
Educational Materials*

*FY 2016-2017*

*Cucamonga Valley Water District*







Cucamonga Valley®  
Water District

*Service Beyond Expectation*

10440 Ashford Street, Rancho Cucamonga, CA 91730



*Vendors ready!*



*Listening closely*



*Guests sampling*

Last year over 80 vendors showcased their companies, products, and services to attendees from throughout the region.

This year's event aims to have an equally large turnout so reserve your spot today!

More info located here: [CVWDWater.com](http://CVWDWater.com)

Contact Katie Heer:  
[KatieH@cvwdwater.com](mailto:KatieH@cvwdwater.com)

909-483-7491



# CVWD LANDSCAPE WORKSHOP SERIES

**PREP  
& DESIGN: JUNE 10, 2017**

**9:00 AM-1:00 PM**

**10440 Ashford Street  
Rancho Cucamonga**

Learn how to prepare and design your landscape from an industry expert. Topics will include landscaping first steps, local resources, turf removal techniques, and various design elements- with ample time for questions.



*Service Beyond Expectation*

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

**Registration Required.**

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



# Saving Water Always Matters.

*Join us for the next Landscaping Workshop:*

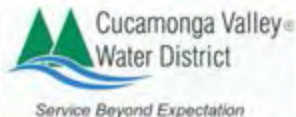
## **Prep & Design**

**June 10; 9 am-1 pm**

*Topics will include landscaping first steps, local resources,  
turf removal techniques, and various design elements.*

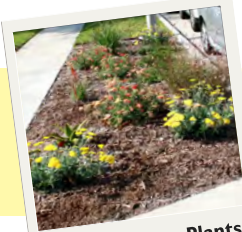
*Registration required.*

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



# 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.



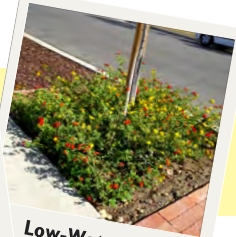
Water Savvy Plants



Mixed Textures



Drought Tolerant



Low-Water Use

Apply online  
today!



*Must be pre-approved before removing grass.  
Funding is limited and restrictions apply.  
Program requirements and details available online.*

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

# Commercial, Industrial, Institutional (CII) Rebates & Programs

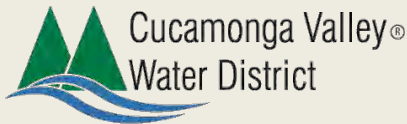
## Landscaping & Plumbing Equipment

- Smart Irrigation Controllers
- Large Rotary Nozzles
- In-Stem Flow Regulators
- Soil Moisture Sensor Systems
- Premium High-Efficiency Toilets & Urinals
- Plumbing Flow Control Valves



## Food, Medical & HVAC Equipment

- Dry Vacuum Pump
- Laminar Flow Restrictors
- Connectionless Food Steamers
- Air-Cooled Ice Machines
- Cooling Tower Conductivity Controllers & pH Controllers



Service Beyond Expectation

**For specific rebate information:**  
**[socalwatersmart.com](http://socalwatersmart.com) or (888) 376-3314**

CII customers must make a rebate reservation first, purchase a qualifying device, and submit for rebate within 60 days of reservation. Funding is limited and rebates will be issued on a first come, first served basis.



# Residential Rebates & Programs

## Indoor Rebates

High Efficiency Clothes Washer \$150

Premium High Efficiency Toilets \$150



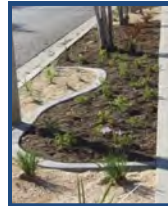
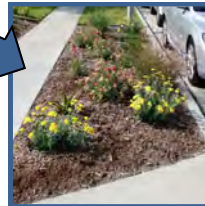
## Outdoor Rebates

Weather Based Irrigation Controller \$150

High Efficiency Sprinkler Nozzles \$4/nozzle

Rain Barrels & Cisterns \$75-\$300

Soil Moisture Sensor Systems \$150



Apply Today!

## Parkway Turf Replacement

CVWD is offering a \$300 rebate to single-family, residential customers for replacing the high water turf in their parkway with low water using plants and efficient watering systems. Turf must be in place, and you must receive approval before removing.

Must purchase a qualifying device and apply online. For full details, list of qualifying devices, or to apply for a rebate, contact:



Service Beyond Expectation

For more info: [cvwdwater.com](http://cvwdwater.com)  
(909) 483-7465



# NO-COST PROGRAMS

## LANDSCAPE RETROFIT PROGRAMS

*Did you know that 60% of household water use occurs outdoors?*



*Service Beyond Expectation*

**Confirm your spot today!**  
**(909) 987-2591 | CVWDwater.com**

### Large Landscape Retrofit

.25 acre or more

- An outdoor water use evaluation (landscape audit) by a certified professional
- Installation of high efficiency sprinkler nozzles
- Installation of a weather-based irrigation controller

### Residential Controller Upgrade

Less than a .25 acre

- An outdoor water use evaluation (landscape audit) by a certified professional
- Professional training at a mandatory workshop
- Installation of a weather-based irrigation controller

The evaluation & water efficient devices are free up to a \$1,500/\$1,000 value per landscape and can potentially reduce your outdoor water use up to 20%. Some restrictions may apply.



*Service Beyond Expectation*

10440 Ashford St., Rancho Cucamonga, CA 91730

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

## **No-Cost Landscape Retrofit Programs**

CVWD and our partner agencies are offering Landscape Retrofit Programs to eligible customers to assist you in being water efficient.

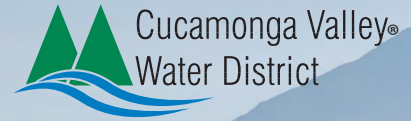
CVWD has identified you as a possible candidate to take advantage of these no-cost programs (some restrictions apply). You are not required to participate, but we hope you will take advantage of this valuable opportunity.



# Got high water pressure?

## *Pressure Regulator Valve*

## *Install Program* A No-Cost, Water-Saving Program!



*Service Beyond Expectation*

### WHAT'S INCLUDED

- A pressure test and inspection for existing PRV for indoor water use
- Repair or replacement of existing PRV
- If there is no existing PRV, a new one will be installed
- All work to be performed by a certified plumber

Call today to participate!

(909) 987-2591

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

### DETAILS & REQUIREMENTS

- Indoor water pressure must be greater than 140 pounds per square inch (PSI)
- Your new water pressure will be set at the industry standard of 70 PSI
- You must keep your PRV in place for two years
- Please note: Going from 140 PSI+ to 70 PSI will alter the water pressure in your home

Installing a PRV can help increase the life of your appliances and help save water.



*Service Beyond Expectation*

10440 Ashford St., Rancho Cucamonga, CA 91730

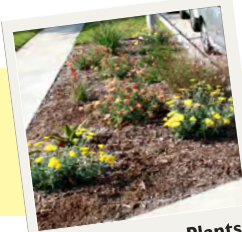
(909) 987-2591 | [cvwdwater.com](http://cvwdwater.com)

## **Take the Pressure Off Your Pipes!**

CVWD and partnering agencies are offering the Pressure Regulator Valve program to assist customers with high water pressure in their homes. CVWD has identified you as a possible candidate to take advantage of this no-cost program (some restrictions apply). You are not required to participate, but we hope you will take advantage of this valuable opportunity.

# 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.



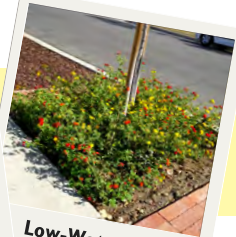
Water Savvy Plants



Mixed Textures



Drought Tolerant



Low-Water Use

Apply online  
today!



*Must be pre-approved before removing grass.  
Funding is limited and restrictions apply.  
Program requirements and details available online.*

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





Cucamonga Valley®  
Water District

*Service Beyond Expectation*

### **Take the Pressure Off Your Pipes!**

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Call today to participate! (909) 987-2591 | [CVWDwater.com](http://CVWDwater.com)



Cucamonga Valley®  
Water District

*Service Beyond Expectation*

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Call today to participate! (909) 987-2591 | [CVWDwater.com](http://CVWDwater.com)



Got high water pressure?

## Pressure Regulator Valve Install Program



A No-Cost, Water-Saving Program!

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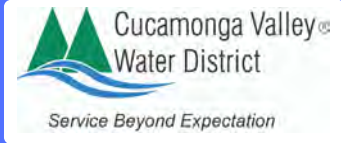
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Installing a PRV can help increase the life of your appliances and help save water.

Hosted by:



CVWDWater.com  
909-987-2591

# Save-the-Date

## EARTH DAY & OPEN HOUSE



April 8, 2017; 10 am-2 pm

10440 Ashford Street, Rancho Cucamonga

Attention vendors and sponsors, don't miss this opportunity to promote your organization, product, and mission to over 2,000 people at the largest Earth Day celebration in the region!

Please email [KatieH@cvwdwater.com](mailto:KatieH@cvwdwater.com) for information or to secure your spot today!



# EARTH DAY & OPEN HOUSE

**April 8, 10 am-2 pm**

10440 Ashford Street, Rancho Cucamonga

REFRESHMENTS, GAMES, GIVEAWAYS & MORE!

Free  
Family  
Fun!

**HIGHLIGHTS INCLUDE:**

**Environmental Resource Fair**

**Document Shredding**

**Landscape Workshops at:**

*10:30 am & 12:15 pm*

**Queen Green- Eco Entertainment**

You're  
Invited!

**Thank you  
sponsors!**

INLAND VALLEY  
**Daily Bulletin**  
dailybulletin.com

 **EDISON**  
INTERNATIONAL®

**THE SUN**  
sbsun.com

 **ARROWHEAD**  
100% MOUNTAIN SPRING WATER

**Hosted by:**

 Cucamonga Valley®  
Water District  
Service Beyond Expectation

 **F**  
**P**  
thefrontierproject

CVWDwater.com | 909-987-2591



**FREE!**

# EARTH DAY & OPEN HOUSE

**April 8, 10 am-2 pm**

10440 Ashford Street, Rancho Cucamonga

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**Document Shredding**

**Landscape Workshops at:**  
*10:30 pm & 12:15 pm*

**Queen Green- Eco Entertainment**

**Emcee Joel Greene- Host of Curiosity Quest**

**Electric Vehicle Test Drives**



**Attend for a chance  
to win a high  
efficiency clothes  
washer!**



**Thank you  
sponsors!**



Hosted  
by:



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

Hosted by:



Sponsored  
by:



CVWDwater.com  
909-987-2591

# EARTH DAY & OPEN HOUSE

April 8, 10 am-2 pm

10440 Ashford Street, Rancho Cucamonga

Highlights  
Include:

Document Shredding

Landscape Workshops

Queen Green- Eco Entertainment



, Giveaways, & More

(while supplies last)

**Emcee Joel Greene**  
Host of Curiosity Quest

and

**A chance to win a high  
efficiency clothes washer!**



You're  
Invited!



*IEUA Member Agency Public Outreach &  
Educational Materials*

*FY 2016-2017*

*Fontana Water Company*







# *Exchange your old toilet for a high efficiency toilet **FOR FREE!!***

**“Hurry while supplies last!”**

Fontana Water Company is offering a high efficiency toilet direct mail program to residential customers. For each toilet installed you can save as much as 14,000 gallons per year. This program only replaces toilets that use 3.5 gallons per flush (GPF) or greater. Maximum of two free high-efficiency toilets per household. Toilets(s) and delivery are at no-cost, installation is NOT included.

**See if your toilet qualifies for this program:**

Look at the space on your toilet bowl between the seat and the tank for a stamp that indicates your (GPF).



Look under the tank lid/side of tank for a stamp which shows the manufacturing date (must be prior to 1992) **OR 3.5 (GPF) or greater.**



Look at the design on the lower part of your toilet. The shape illustrated below means the toilet **DOES NOT** qualify.



*To apply please contact EcoTech Services at:*

**1-866-308-8391**



# Gardening Workshops 2017

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 WORKSHOP

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

SATURDAY  
FEBRUARY 11TH OR APRIL 8TH  
9:00 AM TO 12:30 PM

## LANDSCAPE DESIGN BASICS WORKSHOP

SATURDAY  
FEBRUARY 25TH OR MAY 6TH  
9:00 AM TO 12:30 PM

## WATER-EFFICIENT PLANT WORKSHOP

SATURDAY  
MARCH 11TH OR MAY 20TH  
9:00 AM TO 12:30 PM

## IRRIGATION AND WATER CAPTURE WORKSHOP

SATURDAY  
MARCH 25TH OR APRIL 22ND  
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





# Fontana Water Company provides 700 turkeys for needy families

Posted: Wednesday, November 23, 2016 1:24 pm

The Fontana Water Company, in conjunction with State Sen. Connie Leyva and Assemblymember-elect Eloise Reyes, delivered a total of 700 turkeys to local non-profit organizations that would eventually feed hundreds of people.

Leyva, who represents District 20, hand-delivered 155 frozen turkeys and was aided by Reyes, who defeated Assemblymember Cheryl Brown during the general election earlier this month.

Because of the turkey distribution, a 20-year-old tradition established by the Fontana Water Company, hundreds of families will have something to share at their dinner tables on Thanksgiving.

One by one, representatives from local non-profit organizations stopped by on Nov. 22 to receive the turkeys that were carefully loaded by Fontana Water Company employees.



## Thanksgiving

The Fontana Water Company, joined by Assemblymember-elect Eloise Reyes and State Sen. Connie Leyva, distributed hundreds of turkeys to non-profit organizations. (Herald News photo by Alejandro Cano)

## 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

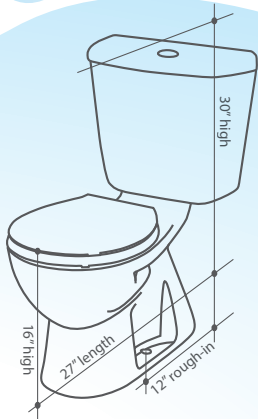
15966 Arrow Route  
Fontana, CA 92335  
(909) 822 - 2201  
www.fontanawater.com

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



San Bernardino County Sun (<http://www.sbsun.com>)

## How Fontana is saving \$1,500 a month by using recycled water in park

By Jim Steinberg, The Sun

Monday, September 26, 2016

FONTANA >> Fontana has begun to receive recycled water under a program that will result in a \$1,500 monthly saving for watering the grass at Oak Park, officials said.

But that's just the start.

Fontana Water Company's new recycled water distribution system, which includes 52,753 feet of new purple pipe, will serve eight city parks in its first phase.

These include Chaparral Park and Shadow Hills Park, which were just permitted by the State Water Resources Control Board, officials said.

"Recycled water is a safe, reliable, and cost-effective approach to managing our limited water resources. By reducing our demand on imported water, Inland Empire Utilities Agency and its local partners are not only saving money, they're helping to create drought-resiliency in the region," IEUA External Affairs Manager Kathryn Besser, said in a statement.

A formal announcement of the recycling effort was made Monday at Oak Park, 14180 Live Oak Ave., Fontana.

The project is a joint venture between Fontana Water Company, the city of Fontana and IEUA. The city of Fontana owns the water rights to the recycled water, while IEUA treats the water and sends it to Fontana Water Company, which then moves it through its new recycled water distribution system to users.

"This is a big deal for a booming city like Fontana, because without water, the whole city stops growing," Fontana Mayor Acquanetta Warren, said in a statement.

Michael Whitehead, chairman and CEO of San Gabriel Valley Water Company, which owns the Fontana Water Company, said the project is "the same as finding a new source of water."

When the recycled water system is complete, it will deliver up to 2,000 acre feet of water per year, officials said.

An acre-foot is about 326,000 gallons.

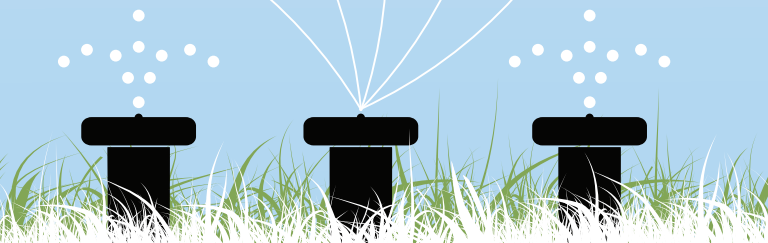
The Fontana Water Co. portion of the project was \$6.3 million, all of which will come from developer fees, Rick Ruiz, a company spokesman, said in an email.

"This is such an important step for the future of our community," Assembly member Cheryl Brown, D-San Bernardino, said, in a statement. "This project and future expansions will make sure we continue to grow and improve the quality of life here, no matter how much drought Mother Nature throws at us."



# 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**



**SAWPA, California Climate Investments & Fontana Water Company are offering to replace your grass lawn with a water-saving California landscape for NO COST!**

**Call to see if you are eligible**

**888-899-8723**

**Se Habla Espanol**





Get a new lawn for NO COST in 3 steps

Obtenga un césped nuevo SIN COSTO en 3 pasos



**1 CALL -**  
Contact us to see if you are eligible for a free landscape with WECAN.

**LLAME -**

*Póngase en contacto con nosotros para ver si usted es elegible para un paisaje nuevo gratis con WECAN.*

**2 DESIGN -**  
Work with our professionals to select your California-friendly landscape.

**DISEÑE -**

*Trabaje con nuestros profesionales para seleccionar su paisaje tolerante a la sequía.*

**3 ENJOY -**  
Our professionals do all the work to transform your lawn and you save water.

**DISFRUTE -**

*Nuestros profesionales harán todo el trabajo para transformar su césped y usted ahorrará agua.*

**888-899-8723**

**[www.sawpa.org/  
wecan](http://www.sawpa.org/wecan)**

**[wecan@sawpa.org](mailto:wecan@sawpa.org)**

# The drought is officially over, but Earth Day reminds us that we need to be full-time stewards of the environment

By JOSH SWIFT | Posted: Thursday, April 20, 2017 4:24 pm

Gov. Jerry Brown has declared California's drought over; officially speaking, that is.

However, as we approach another Earth Day celebration, we need to remind ourselves that we are still responsible for the way we manage our water resources.

Even though this drought is over, it is unlikely our water management practices will ever be quite the same. The truth is, California's water supplies have been shrinking for decades. Our share of Colorado River water has been reduced, and our sources in Northern California have been cut back due to environmental constraints.

Fortunately, Fontana Water Company has learned some valuable lessons from the drought. One of the most important lessons is that our customers are our best partners when it comes to conservation; they met or exceeded their conservation goals almost every month during the state-mandated conservation period.

We also learned how important it is to make strategic investments in sustainability. For instance, we are investing in new leak detection technology and training for our employees. As pipelines get older, they tend to leak more. In the old days, that was just the cost of doing business, and almost 9 percent of the water we put into our system would leak out before it reached the end user. That's just not good enough anymore.

Today, we have the technology to find those leaks early and fix them. By matching improved listening devices with state-of-the-art software that can analyze the data being collected, we can quickly identify the location of a leak, how big it might be and get started with the repair process.

With this new technology and training for our crews in the field, we think we can save hundreds of thousands of gallons of water each year by finding and repairing leaks quickly.

Building a recycled water distribution system is another major investment in sustainability. Recycled water is highly treated wastewater that can be used for agricultural and landscape irrigation, as well as groundwater recharge. For years, most of that water has flowed from water treatment plants, down our local rivers and out to the ocean. Now, we are putting that water to a beneficial use to water landscaping at parks and schools and other public areas. Every gallon of recycled water we use is an additional gallon of drinking water available for homes and businesses.



## Fontana Water Company

During an event last year, the Fontana Water Company opened a valve that let recycled water flow to the sprinklers at Oak Park in South Fontana. Several public officials attended the event. (Contributed photo by Fontana Water Company)

LATE LAST YEAR, along with more than 50 state and local officials and community leaders, we opened a valve that let recycled water flow to the sprinklers at Oak Park in South Fontana. As the system expands, we expect more schools, and other institutions with large landscape water needs, to increase the use of recycled water.

While the new system is just beginning to serve the area, when completed, it will be able to deliver up to 2,000 acre feet of water per year (an acre foot is about 326,000 gallons). This new recycled water distribution system includes 52,753 feet of new purple pipe. Eventually, the first phase of this project will serve eight city parks, including Chaparral Park and Shadow Hills Park, which were just permitted by the State Water Resources Control Board.

The project is a joint venture between Fontana Water Company, the City of Fontana, and the Inland Empire Utilities District. The City owns the water rights to the recycled water, IEUA treats the water and sends it to Fontana Water Company, which then moves it through its new recycled water distribution system to end users.

Beyond conserving drinking water, recycled water costs less and lowers water bills for participating customers. The City of Fontana expects to save about \$1,500 per month at Oak Park alone.

Conservation is the key. Fontana Water Company offers landscaping classes that emphasize native drought tolerant plants and water wise irrigation methods. We have worked with the local school district to finance the replacement of old, water wasting bathroom and irrigation equipment.

More recently, we worked with the Fontana Woman's Club to replace their lawn and gardens with water saving landscaping.

In short, water conservation is a way of life at Fontana Water Company and we are proud to say, our customers pitched in brilliantly during the state's drought emergency.

Being good stewards of the planet means we must consider the entire water cycle when we make decisions about how we get water for our customers. Clearly, this most recent drought has taught us that if we take responsibility for sustainably managing our water supplies, we can get through the toughest times. If we take care of our planet, our planet will take care of us.

(Josh Swift is the general manager of the Fontana Water Company.)

*IEUA Member Agency Public Outreach &  
Educational Materials*

*FY 2016-2017*

*Monte Vista Water District*





# Join our Facebook Community!

Connect with MVWD online today to get the latest on events, District news, alerts, and more!

- Water use efficiency tips
- Rebate programs and resources
- Water education
- FREE landscape workshops & events
- Emergency notifications
- And more!

Like us

Find us on Facebook at [Facebook.com/MonteVistaWaterDistrict](https://www.facebook.com/MonteVistaWaterDistrict)

## WINTER IS HERE

*Water less for healthier plants!*

During winter months, many plants go dormant or reduce their growth as a way of coping with the drop in temperature. Do your plants a favor by watering less for a healthier and happier garden come spring time! Remember to take advantage of storm events by turning off your irrigation system and leaving it off for 48 hours after measureable rainfall.

**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!

- Landscape Irrigation Evaluation – Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909-626-2711
- Free Nozzle Installations – Visit [www.mvwd.org](http://www.mvwd.org) or call 909-657-4414 (must have a working irrigation system to qualify)
- Sprinkler Nozzles – Visit [www.freesprinklernozzles.com](http://www.freesprinklernozzles.com)
- Large Survey and Retrofit Program – Visit [www.mvwd.org](http://www.mvwd.org) or call 909-267-2130 (must have a minimum of a ¼ acre and an automatic irrigation system in place to qualify)
- Small Site Irrigation Controller Upgrade Program – Visit [www.mvwd.org](http://www.mvwd.org) or call 909-267-2130 (Must have a minimum irrigated area of 500 square feet, and maximum of 10,500 square feet to qualify. Customers must attend one mandatory workshop to participate.)
- Mulch & compost (every first and third Saturday of the month) – Visit [www.cbwcd.org](http://www.cbwcd.org) or call 909-626-2711



## Poster Contest Winners Get Regional Recognition

MVWD is proud to announce that two of MVWD's 2016 "Water is Life" poster contest winners have been selected as regional winners from hundreds of entries submitted for Metropolitan Water District of Southern California's (MWD) contest. Cristian Hernandez, promoted from Lyle S. Briggs Fundamental School, and Lucca Francisco Flores, a first grader at Our Lady of Lourdes Elementary, were honored at a special event in early December at MWD's headquarters in Los Angeles. Congratulations Cristian and Lucca!



Stop by the Customer Service lobby the week of March 20-24 to receive a **FREE** giveaway and learn more about how you can fix household leaks!

## Treatment Plant Shutdown

The Water Facilities Authority, the District's imported water treatment provider, will undergo a regional imported water treatment plant shutdown from December 19, 2016 through March 31, 2017. The shutdown will allow the Authority to perform necessary and extensive treatment plant repairs and upgrades, including concrete channel rehabilitation and reservoir repairs.

The treatment plant shutdown is scheduled to occur during the late fall and winter months, when water demands are typically at their lowest. Although MVWD has sufficient alternative water supplies to meet demands during the shutdown, we are requesting that customers maintain and enhance efficient water use practices during the shutdown.

To learn more about the upcoming shutdown, please visit [www.mvwd.org](http://www.mvwd.org).



## Up to \$2,000 Water Softener Rebate plus Free Removal

The Inland Empire Utilities Agency is offering a rebate, up to \$2,000, to remove your water softener plus free disconnection and disposal! For more information, call 909-993-1550 or visit [www.ieua.org](http://www.ieua.org).

INSIDE:

Rate Adjustments

MVWD is now on Facebook!

Recommended Watering Schedule



Winter 2017

WATERLINE



The drought is not going away anytime soon. **What are you doing** to make water use efficiency a permanent way of life? Read on to learn more about how you can be a good steward of our water supply.

Although drought conditions have improved and customers have maintained a 35% reduction since 2007, there's always more that can be done. Have you taken advantage of our free irrigation retrofit programs? Applied for a rebate for a high efficiency toilet? How about attended one of our free landscape workshops? MVWD offers many free resources that can help you be water efficient!

Are you already using water wisely and want to share your story? Call us at 909-267-2165 and tell us how!

**Reminder!**

MVWD customers are required to follow year-round water use efficiency "Best Practices." Please continue to follow these common sense measures to reduce water waste:

- ◆ **Water only before 8 a.m. or after 8 p.m.**  
*Recommended: For winter months (January-March), set irrigation timers for one 6-minute cycle, two days a week (see below)*
- ◆ **No runoff**
- ◆ **No watering during or after rain**
- ◆ **Repair all system leaks**
- ◆ **Use shutoff nozzles to wash vehicles, or use carwash**
- ◆ **No hosing down pavement**



**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**

On January 13, 2016, after conducting a public hearing, the Board of Directors adopted new water rates for 2016-2019. The following 2017 rates are effective January 1.

New Water Service Charges*	
Single Family Residential	New Rates
Residential Tier 1: Indoor Budget	\$1.95 per Unit**
Residential Tier 2: Outdoor Budget	\$2.59 per Unit
Residential Tier 3: Discretionary	\$4.95 per Unit
Residential Tier 4: Excessive	\$5.66 per Unit
Dedicated Irrigation	
Irrigation Tier 1: Outdoor Budget	\$2.23 per Unit
Irrigation Tier 2: Excessive	\$3.19 per Unit
All Other Customers	
Domestic	\$2.39 per Unit
Recycled	\$1.96 per Unit
New Bi-monthly Readiness-to-Serve Charges (RTS)***	
Meter Size	New Rates
3/4 inch or smaller	\$38.15
1 inch	\$55.85

\* 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.

\*\* 1 Unit = 748 gallons

\*\*\* 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.

**Frequently Asked Questions (FAQs) about Water Rates**

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

The District is raising rates to fund on-going operations and facility replacement needs. Some District infrastructure is more than 50 years old and undersized for water and fire protection needs. Also, the District expects a long-term change in our customers' water use habits due to the drought and State mandates. This results in the need to increase rates in order to provide sufficient funds to maintain high quality water service.

**Where can I get more information on budget-based tiered rates?**

Visit [www.mvwd.org](http://www.mvwd.org) and follow the "Customer Service," "Water Rates," and "Budget-Based Tiered Rates 101" menu links.

**Have more questions?** For more FAQs about water rates, visit [www.mvwd.org](http://www.mvwd.org) and follow the "Customer Service," "Water Rates," and "Frequently Asked Questions about Water Rates" menu links, or call Customer Service at (909) 624-0035.

**CBWCD Upcoming Garden Classes and Events**

Take advantage of Chino Basin Water Conservation District's FREE garden workshops!

**Planning and Planting: Spring Fruit and Vegetable Gardens**

Saturday, February 11 **Time:** 9-12 PM

**Water Wise Landscape Workshop: Raised Bed Construction and Container Gardening**

Saturday, February 25 **Time:** 9-12 PM

**Water Wise Landscape Workshop: Mulch and Composting for Fruit and Vegetable Gardens**

Saturday, March 11 **Time:** 9-12 PM

**Transform Your Landscape: Turf Removal Methods and the Basics**

Saturday, March 25 **Time:** 9-12 PM

All classes will be held at the Conservation District located at 4594 San Bernardino St., Montclair. To register, please call Judy Taylor at 909-626-2711. For more information, visit [www.cbwcd.org](http://www.cbwcd.org).



**OUR MISSION:**

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**Monte Vista Water District**

10575 Central Avenue  
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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*



# Free Water Wise Gardening Class

**Saturday, September 30, 2017**  
9 a.m. – 12:30 p.m.

**Topic:**  
Low Water Use Plant Selection and Maintenance

**Location:**  
Chino Basin Water Conservation District  
4594 San Bernardino St., Montclair

*Limited to 30 attendees—Reservation Required.*

**Online reservation:**  
www.mvwd.org/gardenclass.cfm (select “Fall Workshop”) or call 909.267.2130

**If you register for the class and no longer wish to attend, please call and cancel your reservation so others can take your seat(s).**

## Clase de Jardinería Gratis – En Español!

**Sábado, 30 de septiembre del 2017**  
9 a.m. – 12:30 p.m.

**Tema:**  
Selección de plantas bajas en uso de agua y su mantenimiento

**Localidad:**  
Chino Basin Water Conservation District  
4594 San Bernardino St., Montclair

*Limitado a 30 personas—Se requiere reservación*

**Reservación por internet:**  
www.mvwd.org/gardenclass.cfm (elija “clase de otoño en español”) o llame al 909.267.2130

**Si se registra para la clase y no puede asistir, por favor llame al distrito y cancele su reservación para que otros puedan tomar su asiento.**



# Local Student Awards



## 2017 Scholarship Winners

The MVWD Board of Directors recently awarded Juliana Osorno and Xavier Perez of Montclair High School the 2017 Bruce J. Lance, Jr. Water Scholarship. The \$1,000 scholarships were created by the board to recognize Lance upon his retirement for 44 years of extraordinary service to the district and the community as the district’s general counsel.

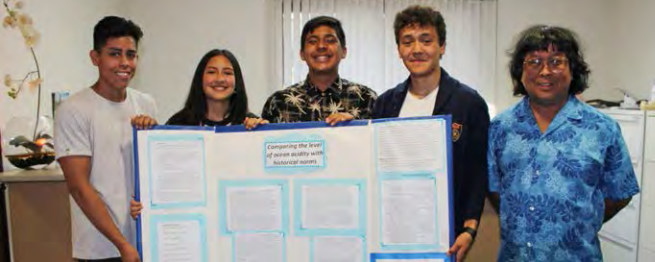
Both students displayed a clear understanding of the challenges and opportunities faced by Southern California residents and water agencies. Juliana plans to attend Chaffey College and Xavier will be attending the University of California, San Diego.

Congratulations to both student winners!

## EduBucks Winners

The Water Education Water Awareness Committee (WEWAC) has awarded \$9,900 to local educators to conduct water-related education activities. Of the 19 recipients, 7 were selected from Monte Vista Water District’s service area. A total of \$3,882.59 was awarded to Monte Vista Elementary, Howard Elementary and Montclair High School teachers for investments in curriculum development, technology, field trips and other activities.

Dr. Russell Okinaka of Montclair High School is now a nine-time program recipient. He and his students attended the June 14 board meeting to present their project to the board of directors.



## 2017 “Water Is Life” Art Poster Contest

The district recently held its 2017 “Water is Life” Poster Contest and received 231 entries representing 31 classrooms in 11 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.



# District News

## 2016 Employee of the Year

Rosie Tock of Chino was named 2016 Monte Vista Water District Employee of the Year at the district’s annual employee awards event held recently. Tock, senior customer service representative, has been with MVWD since August 1992. Her responsibilities include operating the district’s computer billing systems, overseeing daily cashiering functions, responding to complex customer inquiries and providing technical and functional direction to assigned staff. Congratulations, Rosie!



## Recommended Watering Schedule

Use this watering guide as a reference. Adjust your automatic timer seasonally according to the information below. Use your timer’s Program A/B function for setting multiple cycles per day.

Summer (July - September)			
TUE	THU	SAT	
<b>First Cycle</b>	<b>First Cycle</b>	<b>First Cycle</b>	
5 a.m.	5 a.m.	5 a.m.	
<b>7 mins</b>	<b>7 mins</b>	<b>7 mins</b>	
<b>Second Cycle</b>	<b>Second Cycle</b>	<b>Second Cycle</b>	
6 a.m.	6 a.m.	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.  
**REMEMBER TO TURN OFF SPRINKLERS WHEN RAINING!**

## INSIDE:

New! Dropcountr App

Leaks – Who to Call

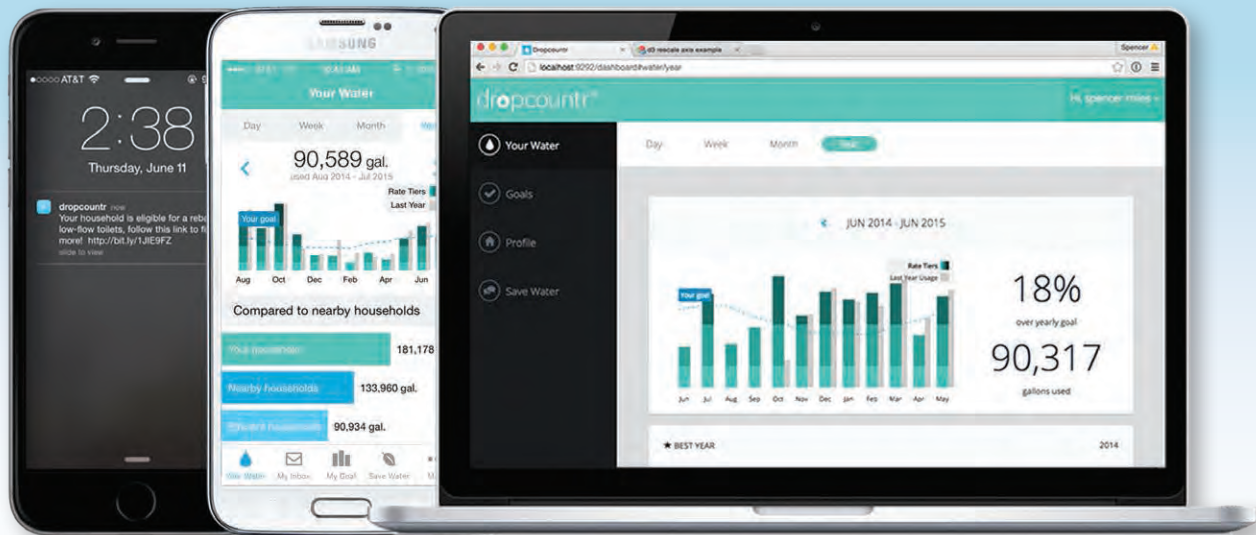
Fall Garden Class



Summer 2017

# WATERLINE





## New Customer Tool: Dropcountr lets you take control of your water bill

Dropcountr is a free water customer portal that is now available to MVWD customers!

Through Dropcountr you can access your past water usage, important alerts from MVWD, rebates and tips and tricks about conserving water, anytime, anywhere. The app also generates an email usage report and even allows you to compare your household water usage to similar households in your neighborhood.

You can access Dropcountr on your computer at [www.dropcountr.com](http://www.dropcountr.com), or by downloading the Dropcountr application in the Apple or Android app store.



## Nuevo programa para nuestros clientes: Dropcountr le permite tomar control de su factura

Dropcountr es un nuevo programa que está disponible para los clientes del distrito.

La aplicación móvil se conecta con el distrito para darle al cliente datos recientes sobre el uso de agua en el hogar sin medidores especiales o equipo. Dropcountr también proporciona un acceso rápido a reembolsos disponibles, alertas o notificaciones importantes, y consejos e ideas sobre la conservación del agua. La aplicación también genera un reporte del uso de agua y hasta le permite comparar el uso del agua en su hogar con hogares similares en su comunidad.

Puede descargar la aplicación Dropcountr visitando a [www.dropcountr.com](http://www.dropcountr.com) o en la tienda de aplicaciones de Apple o Android.

## Composting - the simplest way to green up your yard!

Would you build or buy a home without a foundation? Soils are very much the basis of any thriving garden. Like a house without foundation, you will have to spend additional money to fix problems that arise from the lack of a sound base – things like additional fertilizers, weed spray, and extra water, not to mention the costs to the environment resulting from the damaging effects of chemical runoff.

Composting is an easy and inexpensive way to add essential nutrients to your garden. With compost, you can build a great foundation for your garden and reap a multitude of benefits.

### What is compost?

Compost is decomposed organic material that can be used to restore nutrients to depleted soil.

### What are the benefits of composting?

- Compost helps retain moisture in the soil, which means you can apply less water to your garden!
- Recycling your kitchen scraps and yard waste to create nutritious compost diverts waste from the landfill.
- Compost creates healthy living soils, bringing beneficial microbes, fungi, and insects like earth worms that make your garden thrive.

**Want to learn how? Visit our website at [www.mvwd.org](http://www.mvwd.org) to learn more!**



# 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

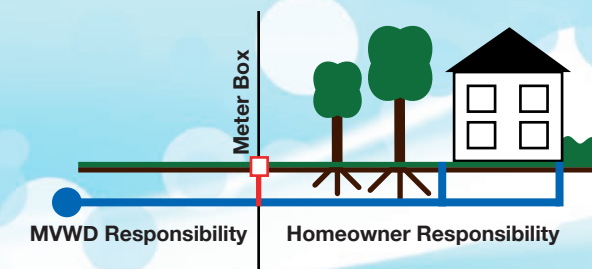


- Will evaluate and retrofit irrigation system with weather-based irrigation controller/nozzles
- Customers must have an existing, working irrigation system in place
- To sign up, call 909.267.2130

### Property Leaks

MVWD often receives calls from customers who suspect a water leak on their property but are unsure who they should contact for repairs. MVWD does not repair leaks on the customer's side of the meter. The district is responsible for the "street side" of the water meter, which includes all water mains in the street and through the district's distribution system. Please refer to the graphic below for further clarification.

For tips on how to repair leaks on your side of the meter, please visit the district website at [www.mvwd.org](http://www.mvwd.org).



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*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*



## 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)





## Free High Efficiency Sprinkler Nozzles with Installation



**Reduce irrigation  
by up to 30%**

For commercial, industrial, and institutional customers

Monte Vista Water District is excited to offer free high efficiency nozzles with installation to all commercial, industrial, & institutional customers.

- First-come, first-served until funds exhausted
- No limit to number of nozzles per landscape

**SIGN UP  
TODAY!**

Call:

909-657-4414

Email:

[glopez@mvwd.org](mailto:glopez@mvwd.org)



Monte Vista Water District  
invites you to attend

*A Free Workshop On*

# Low Water Use Plant Selection & Maintenance

Sat. Sept 30, 2017 from 9 am - 12:30 pm  
Chino Basin Water Conservation District  
4594 San Bernardino St. in Montclair

Free continental breakfast, raffle prizes, and more!  
RSVP Required | Call 909-267-2130  
Or visit [www.mvwd.org](http://www.mvwd.org) to sign up





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El Distrito De Agua Monte  
Vista le invita a participar en

*Un Taller Gratuito Sobre*  
**Selección de  
Plantas Bajas  
en uso de Agua y  
su Mantenimiento**

Sáb. 30 de sept. 2017 de 9 am - 12:30 pm  
Chino Basin Water Conservation District  
4594 San Bernardino St. en Montclair

Desayuno continental, sorteos, ¡y más!

Reservación Requerida | Llame

al 909-267-2130 o visite [www.mvwd.org](http://www.mvwd.org)





# WATER YOU Doing...

## What are you doing to *FIX LEAKS*?

*You don't have to be a plumber to find tricky leaks! Listen and watch out for pesky faucet and showerhead drips. Replace worn out toilet flappers, sink valves and rubber washers to save up to 50 gallons a day – and shave charges off your water bill. Now that makes sense!*



*Learn More Water Saving Tips at:*  
**MVWD.org**





# ¡AGUAS! ¿QUÉ haces?

## ¿Qué haces para **REPARAR** una **GOTERA** o **FUGA DE AGUA**?

*¡No se necesita ser plomero para localizar goteras o fugas de agua ocultas! También es importante revisar las goteras en la regadera y llaves de lavabo. Reemplaza válvulas, aletas y rondanas y podrás ahorrar hasta 50 galones de agua al día – y reducir el costo de la factura del agua. ¡Eso sí tiene sentido!*



Aprenda Más Consejos Para Ahorrar Agua en:

[MVWD.org](http://MVWD.org)

# 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**



# 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

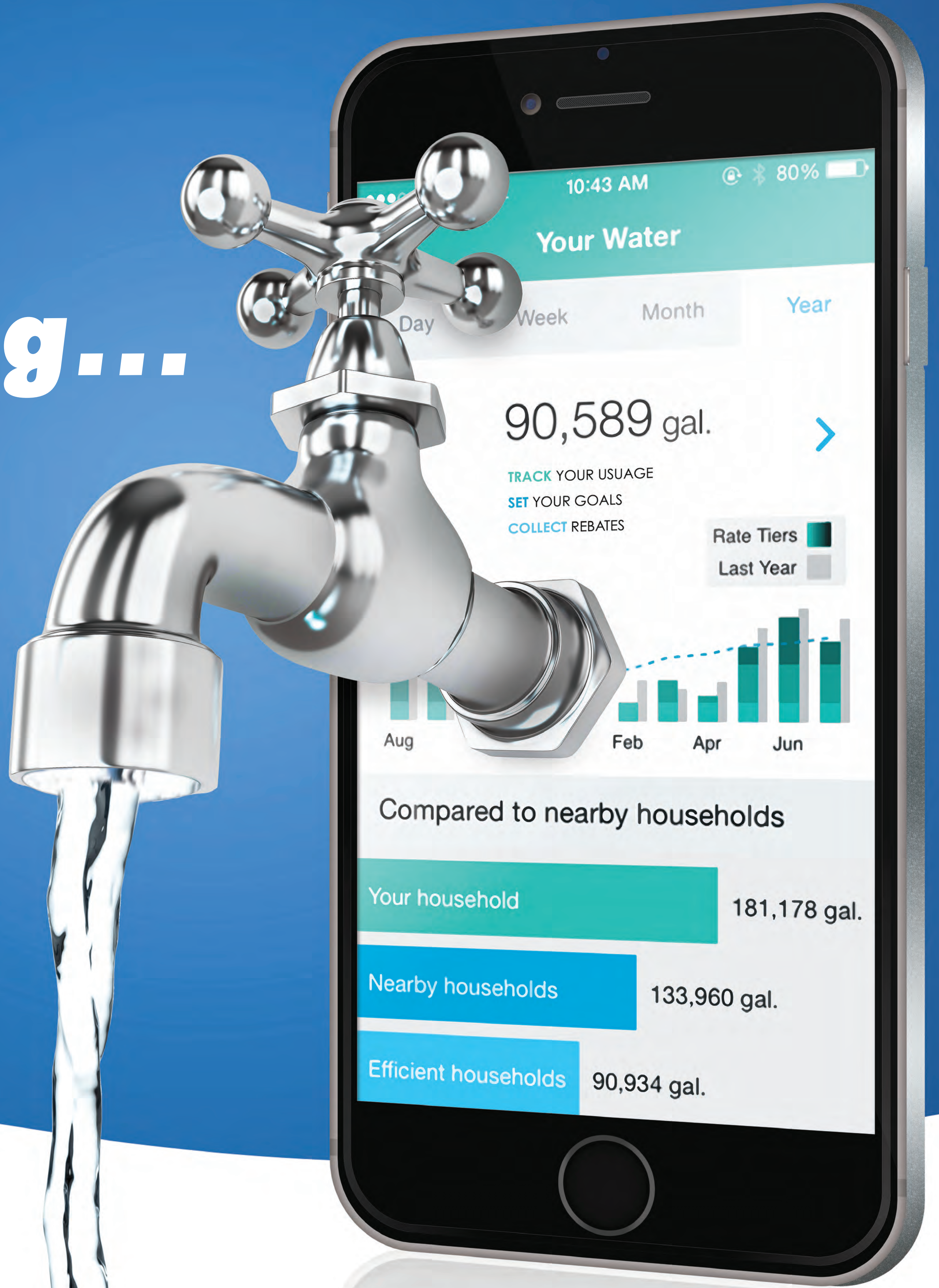
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LANDSCAPE & WATER  
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# **WATER** **YOU Doing...**

## **What are you doing to keep YOUR YARD looking its best?**

*Now is the time to give your yard the perfect California Friendly® makeover. You can have beautiful landscaping and save loads of water. We have plenty of resources to help you get started. Visit our friends at Chino Basin Water Conservation District to get as much free mulch as you need and check out their demonstration garden to make a list of all of the water wise plants you love. When it's all done, your yard will be the talk of the neighborhood!*



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



# ¡AGUAS! ¿QUÉ haces?

## ¿Qué haces para darle un cambio de imagen a tu jardín?

*Ahora es el momento para renovar tu jardín al estilo California Friendly®. No solo mejorarás la apariencia de tu jardín, sino que también podrás ahorrar agua. Tenemos muchos recursos para ayudarte a empezar. Visita a nuestros amigos de Chino Basin Water Conservation District para recibir pajote (mulch) gratis y camina por el jardín de demostración para obtener ideas e información sobre las plantas de bajo consumo de agua. ¡Cuando hayas terminado, tu jardín será la envidia de todos!*



Aprenda Más Consejos Para Ahorrar Agua en:  
[MVWD.org](http://MVWD.org)



# WATER YOU Doing...

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



# WATER YOU Doing...



## What are you doing to water your lawn?

*In the Fall, a little goes a long way when it comes to watering your lawn. Set your sprinkler timer to run after 8 p.m. or before 8 a.m. for six minutes, three days a week. You'll save water and still keep your lawn alive and healthy!*



*Learn More Water Saving Tips at:*  
**MVWD.org**

# ¡AGUAS! ¿QUÉ haces?



## ¿Qué Haces... para regar tu césped?

*En el otoño, hacer pequeños ajustes logra grandes cambios cuando se riega el césped. Ajuste los aspersores (sprinklers) para que rieguen después de las 8 p.m. o antes de las 8 a.m. por sólo seis minutos, tres días a la semana. ¡Ahorre agua y mantenga su césped verde y saludable!*



*Aprenda Más Consejos Para Ahorrar Agua en:*  
**MVWD.org**

# 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**

# 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)



# ¡AGUAS! ¿QUÉ haces?



## ¿Qué haces para... aprovechar cada lavada?

¿Sabías que la lavadora y el lavaplatos funcionan mejor cuando se ponen a carga completa? Es verdad –cuando se trata de ahorrar en la cuenta de cobro mensual es mejor hacerlo en grande. Ahorra más al usar tus prendas más de una vez antes de lavarlas y retira los restos de comida con un cepillo en lugar de enjuagar. ¿Deseas más información? Infórmate acerca de los reembolsos que ofrece el Distrito cuando reemplazas tus electrodomésticos antiguos por modelos de bajo consumo de agua.

Aprenda Más Consejos Para Ahorrar Agua en:  
[MVWD.org](http://MVWD.org)





*IEUA Member Agency Public Outreach &  
Educational Materials*

*FY 2016-2017*

*City of Ontario*



# Residential Smart Controller Upgrade Program



The Ontario Municipal Utilities Company is offering a **FREE** Residential Smart Controller Upgrade Program, available to qualifying Ontario Homeowners.  
(Limited Space Available)

## THE PROGRAM PROVIDES:

- "Smart" irrigation controller training class
- Retrofit of existing irrigation controller/timer with a new "Smart" irrigation controller
- Assistance with programming the "Smart" irrigation controller
- Evaluation of how water is being used at home and recommendations for improvement

## TO QUALIFY:

- Resident must have a working irrigation system with a non-weather based irrigation controller
- Residents must call (909)395-2614 to register
- For properties under 1/4 acre residents must attend a 1<sup>1/2</sup> hour "Smart" irrigation controller training class prior to installation
- Resident must agree to keep in place and maintain "Smart" irrigation controller

For more information, please contact the Ontario Municipal Utilities Company at (909) 395-2614.

1425 S. Bon View Avenue Ontario, CA 91761



ONTARIO  
MUNICIPAL  
UTILITIES  
COMPANY

# Take the pressure off your pipes!

Did you know that your water pressure could be as high as 125 psi (pounds per square inch)? Using a pressure regulator valve could lower it to 50-75 psi.

*Free to qualifying  
residents*



Installing a pressure regulator valve will increase the life of your appliances and help you conserve water.

Please contact [abonczewski@ontarioca.gov](mailto:abonczewski@ontarioca.gov) or call 909-395-2614 for more information.



## Residential Controller Upgrade Program

The Ontario Municipal Utilities Company is offering a **free** smart controller to qualifying residents (limited funding). Smart controllers can help you irrigate your landscape more efficiently. To participate you must attend a workshop to receive training on your new controller.



To sign-up or get more information please call (909) 395-2614 or email Amy Bonczewski at: [ABonczewski@ontarioca.gov](mailto:ABonczewski@ontarioca.gov).

### Requirements

- Must have an operating sprinkler system and an existing non-smart irrigation controller
- Site must have a minimum of 500 square feet of landscaped area and have less than 1/4 of an acre (less than 10,890 square feet)

### What's Included

- An outdoor water use evaluation (Landscape Survey) performed by a certified professional
- Installation of a Toro Evolution weather-based irrigation controller
- Professional training on your new controller







The Ontario Municipal Utilities Company is offering qualifying residents a free smart controller. Smart controllers allow customers to water their landscape more efficiently and potentially lower their water bills.

Ontario Municipal Utilities Company

1425 S. Bon View Avenue  
Ontario, CA 91761

PLEASE  
PLACE  
STAMP  
HERE

Ready to save water?

# Residential Controller Upgrade Program



The Ontario Municipal Utilities Company is offering a free smart controller to qualifying residents (limited funding available).

<u>Requirements</u>	<u>What's Included</u>
<ul style="list-style-type: none"><li>• Must have an operating sprinkler system and an existing non-smart irrigation controller</li><li>• Property size must be at least a quarter acre (at least 10,890 square feet)</li></ul>	<ul style="list-style-type: none"><li>• An outdoor water use evaluation (Landscape Survey) performed by a certified professional</li><li>• Installation of a Toro Evolution weather-based irrigation controller</li><li>• Professional training on your new controller</li></ul>



More information on this device at:  
[www.toro.com/evolution](http://www.toro.com/evolution)

**PLEASE CALL TO GET MORE INFORMATION OR SIGN UP FOR THE PROGRAM.**

**Reserve your spot today!**  
**(909) 395-2614**





1425 S. Bon View Avenue, Ontario, CA 91761  
(909) 395-2614 | [www.ontariowaterwise.org](http://www.ontariowaterwise.org)

## Water Saving Opportunity

The Ontario Municipal Utilities Company is offering a free smart controller to qualifying residents. Smart controllers can help you irrigate your landscape more efficiently.



# Waterwise Gardening Workshop



Ontario Municipal Utilities Company, the City of Upland, the City of Chino Hills and San Antonio Water Company are partnering together to host a **free** waterwise gardening workshop.

## TOPICS COVERED:

- Basic Landscape Design
- Drought-Tolerant Maintenance
- Irrigation

## WORKSHOP DETAILS:

- Date and Time: October 22, 2016 from 9 AM-11 AM
- Location: Upland Public Works  
1370 N. Benson Avenue  
Upland, CA 91786
- To register for the workshop or get more information please call (909) 291-2930





# FreeSprinklerNozzles.com

## 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® RVans

**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 WaterSmart 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



Funded by participating water agencies.

Questions? Contact: Maureen Erbeznik merbeznik58@gmail.com 310-621-4577







*FREE Workshop!*



# WATER EFFICIENT PLANTS & LANDSCAPE DESIGN

Join us Saturday, March 18, 2017 for a Landscaping Workshop!  
The workshop will be held from 9 AM - 12 PM at the Ontario Senior Center, located at 225 E. B Street, Ontario, CA 91764.  
To register, call (909) 395-2614.

*IEUA Member Agency*  
*Public Outreach and Educational Materials*  
*FY 2016-2017*





# Water Discovery Field Trip Program

**Scheduling for School Year 2016/17 is Now Open and Easier Than Ever!**

- **FREE Field Trip to the Chino Creek Wetlands and Educational Park**
- **Field Trips are held Tuesdays through Thursdays from 9:30 a.m. – 12:00 p.m.**
- **Hands-on activities tailored to grade levels**
- **Busing mini-grant available**
- **Program aligns with CA State Curriculum Standards; Science, Technology, Engineering, Mathematics (STEM) and Next Generation Science Standards (NGSS)**

To schedule your FREE class field trip visit <https://www.ieua.org/facilities/chino-creek-wetlands-educational-park/water-discovery-program/> and fill out the online request form or contact Katie Cabana, External Affairs Specialist I at (909) 993-1925 or [kcabana@ieua.org](mailto:kcabana@ieua.org).



**FOR IMMEDIATE RELEASE:**

June 6, 2017

**Contact:**

Kathy Besser  
Executive Manager of External Affairs and  
Policy Development/AGM  
909.993.1638  
[kbesser@ieua.org](mailto:kbesser@ieua.org)

**Inland Empire Utilities Agency Sponsors Four High School Teams at  
Metropolitan Water District's 15th Annual Solar Cup™**

**Inland Empire, California** – The Inland Empire Utilities Agency (IEUA) co-sponsored four local high school teams at this year's Metropolitan Water District of Southern California's (MWD) Solar Cup™ competition on May 19-21.

Solar Cup™ is a solar powered boat competition held annually at Lake Skinner in Riverside County. This year, more than 700 students from over 40 high schools from six different counties in southern California competed; making it the nation's largest solar powered boat competition. This eight-month educational program, which culminates with a weekend competition where teams race the boats they built, has allowed students an opportunity to work together as a team to problem-solve, learn about mechanical and electrical engineering, and learn about conserving natural resources.

For the 2017 Solar Cup™ competition, IEUA sponsored: Chino High School, located in Chino and co-sponsored with the city of Chino; Chino Hills High School, located in Chino Hills and co-sponsored with the city of Chino Hills; Los Osos High School, located in Rancho Cucamonga and co-sponsored with Cucamonga Valley Water District; and Henry J. Kaiser High School, located in Fontana and co-sponsored with Fontana Water Company.

Los Osos High School placed eighth overall and received the Teamwork Award for assisting another team with their equipment and offering advice. Chino Hills High School placed 16th overall, Chino High School placed 18th overall and Henry J. Kaiser High School placed 41<sup>st</sup> overall. All participating teams did a wonderful job and showed enthusiasm, teamwork, dedication to learning, creativity, and motivation.

“As southern Californians and environmental stewards, we at IEUA recognize the need for water-use efficiency and green initiatives,” said IEUA Board President Steve Elie. “The Solar Cup™ competition is a wonderful opportunity for these bright high school students to obtain knowledge of sustainable resources, while putting their newfound abilities into practice. This is a huge learning opportunity for the students and the community surrounding them as well.”

###

*The Inland Empire Utilities Agency covers 242-square miles, distributes imported water, provides industrial/municipal wastewater collection and treatment services, and other related utility services to more than 875,000 people through its member agencies which include Chino, Chino Hills, Cucamonga Valley Water District, Fontana, Fontana Water Company, Montclair, Monte Vista Water District, Ontario, and Upland.*



**FOR IMMEDIATE RELEASE:**

June 30, 2016

**Contact:**

Kathy Besser  
Manager of External Affairs  
909.993.1638  
[kbesser@ieua.org](mailto:kbesser@ieua.org)

**Inland Empire Utilities Agency Recognizes July as Smart Irrigation Month**

**Inland Empire, California-** The Inland Empire Utilities Agency (IEUA) recognizes July as Smart Irrigation Month. The Irrigation Association® started this public outreach campaign in 2005 to educate the public about the importance of using water efficiently outdoors through simple practices and innovative technologies.

July is traditionally the month when outdoor residential water use is at its highest due to increasing temperatures. Over 65 percent of our region’s residential water use is used to irrigate landscaping, with homeowners typically overwatering lawns and landscapes by up to 30 percent. Existing irrigation systems may be tuned-up for more efficiency, thus reducing runoff and eliminating waste. By selecting and planting climate appropriate materials, watering efficiently and maintaining and upgrading automated irrigation systems, residents can do their part in saving this valuable resource.

“We need to increase our water-saving efforts as we enter the long, hot summer months,” said Terry Catlin, IEUA Board President. “Smart Irrigation Month is a great reminder to the community to check sprinkler systems, water efficiently and eliminate waste.”

IEUA recommends following these important tips:

- Water only as needed and follow your local water provider’s watering restrictions.
- Water when the sun is down, winds are calm and temperatures are cool to reduce the chances of evaporation.
- Detect and repair all leaks.
- Adjust sprinkler systems to prevent runoff onto the sidewalk or street.
- Install high efficiency sprinkler nozzles, drip irrigation or a weather-based Smart Controller that can provide the appropriate watering schedule and adjust for changes in the weather. Rebates for the sprinkler nozzles and irrigation controllers can be found at [SoCalWaterSmart.com](http://SoCalWaterSmart.com).

For rebates, resources and more tips to help conserve and use water efficiently visit [www.ieua.org](http://www.ieua.org).

*The Inland Empire Utilities Agency covers 242-square miles, distributes imported water, provides industrial/municipal wastewater collection and treatment services, and other related utility services to more than 850,000 people through its member agencies which include Chino, Chino Hills, Cucamonga Valley Water District, Fontana, Fontana Water Company, Montclair, Monte Vista Water District, Ontario, and Upland.*

###





**FOR IMMEDIATE RELEASE:**

October 26, 2016

**Contact:**

Kathy Besser  
Manager of External Affairs  
909.993.1638  
[kbesser@ieua.org](mailto:kbesser@ieua.org)

## **Students Take Part in a Water Discovery Adventure to Learn About Water Conservation**

***Inland Empire Utilities Agency Hosts First Water Discovery Field Trip of the 2016-17 School Year  
Water Discovery Field Trip and Busing Grant Available to Entire State of California***

**Chino, California** – On October 19, the Inland Empire Utilities Agency (IEUA) hosted its first Water Discovery Field Trip of the 2016-2017 school year at the 22-acre Chino Creek Wetlands and Educational Park (Park). Second grade students from Mt. Vernon Elementary School in San Bernardino were able to learn and explore through interactive activities led by Water Discovery facilitators. Taking students out of the classroom and letting them be a part of nature, students learned about water conservation and environmental stewardship while they explored the wetlands, which includes several water sources, native plants, and many types of wildlife

An important component of the field trips is participation in interactive activities. For this specific field trip, the Mt. Vernon Elementary School teachers chose Bird Bingo, where students first use binoculars to see and identify birds and waterfowl in their own habitat. Then, students visit the Education Center, tour the Wetlands Discovery Room and play an exciting game of Bird Bingo. Teachers also chose for their students to participate in the Water Cycle Bracelets activity, where participants are introduced to the water cycle and water conservation, participate in a discussion, and enjoy an activity making a bracelet that represents the water cycle journey and the various means in which water travels through different sources. These are just a few of the many activities that are available from which teachers can customize their field trips, and all activities align with Next Generation Science Standards and Common Core Standards. The trip concluded with a comprehensive overview of what students learned and provided time for lunch in the Park.

“The Water Discovery Field Trip program was developed for kindergarten through twelfth grade students to reconnect them with the environment by letting them explore outside of their classrooms, promote the public understanding of the value of natural treatment wetlands, explain and show the creation of habitat for endangered/sensitive species, and provide ways to practice environmental stewardship including water-use efficiency techniques,” stated IEUA Board President Terry Catlin. “Since its inception, the 22-acre Park has played host to thousands of students who take part in the Water Discovery Field Trips where they learn about the watershed, habitat, water sources, and invasive species in an outdoor learning environment.”

Due to a grant from the California Department of Parks and Recreation, IEUA offers a Busing Mini-Grant, which allows for qualifying formal and non-formal educators, schools and organizations within the entire state of California to apply for transportation funding to and from the Chino Creek Wetlands and Educational Park to take part in the Water Discovery Field Trip program. Field trips are held Tuesdays, Wednesdays and Thursdays during the school year and run from 9:30 a.m. to 12:00 p.m. To schedule a Water Discovery Field Trip and/or tour of the Chino Creek Wetlands and Educational Park please visit [www.ieua.org](http://www.ieua.org). or call Andrea Carruthers at 909.993.1935.

Chino Creek Wetlands and Educational Park was partially funded by a grant from the State Water Resources Control Board. The Water Discovery Field Trip and Mini Busing Grant Program is partially funded by a grant from the California Department of Parks and Recreation.

The Inland Empire Utilities Agency covers 242-square miles, distributes imported water, provides industrial/municipal wastewater collection and treatment services, and other related utility services to more than 875,000 people through its member agencies which include Chino, Chino Hills, Cucamonga Valley Water District, Fontana, Fontana Water Company, Montclair, Monte Vista Water District, Ontario, and Upland.

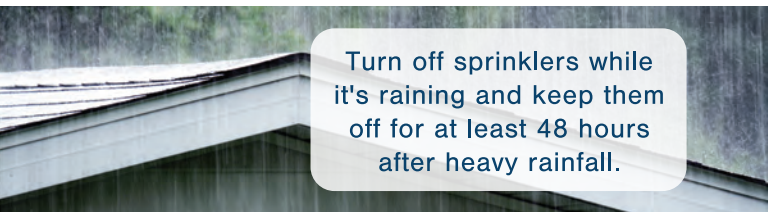


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# Spring into Action

## Plan To Save Water Outdoors

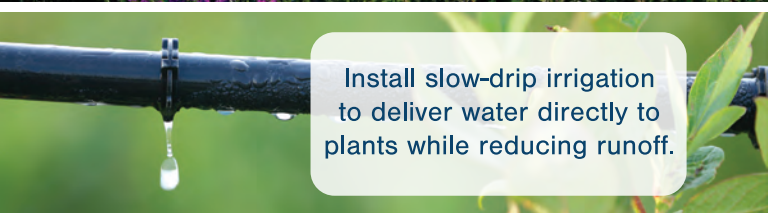
Approximately 70% of water is used for outdoor purposes. Now is a great time to focus on how much water is being used and implement water-use efficiency measures to reduce your use.




Turn off sprinklers while it's raining and keep them off for at least 48 hours after heavy rainfall.



Choose a water-wise plant palette of California Natives and succulents to provide year-round color.



Install slow-drip irrigation to deliver water directly to plants while reducing runoff.



Use compost products to save water and produce direct benefits to soils and crops.

 **Kick the Habit**  
don't waste water

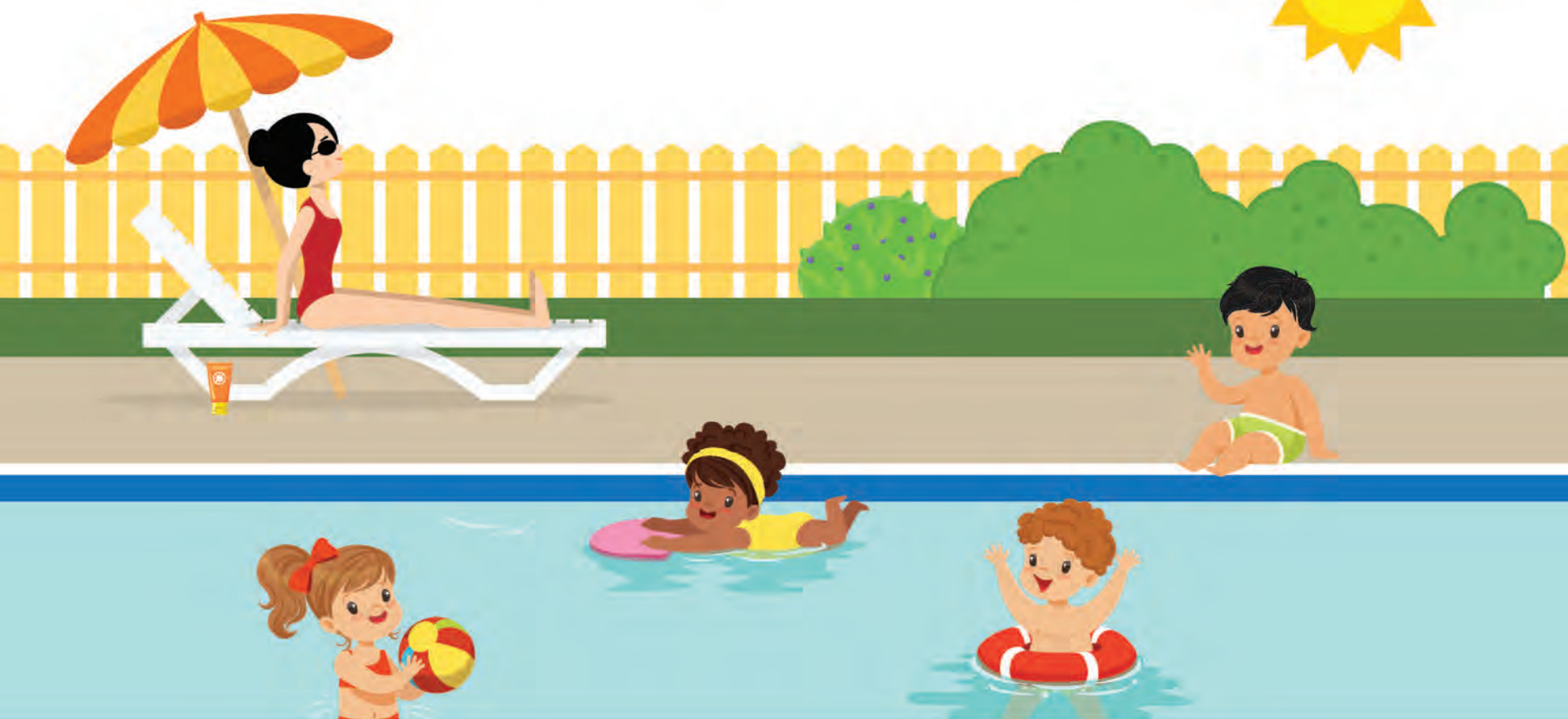
Brought to you by the Inland Empire Utilities Agency.

**H2**♥

Learn more at [KickWaterWaste.com](http://KickWaterWaste.com)

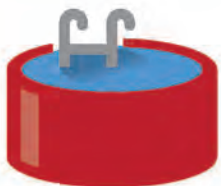


# Make Water-Use Efficiency A Way of Life



As southern Californians, using water efficiently is a vital priority. Do your part to protect our water resources for current and future generations by embracing an efficient lifestyle this summer - kick the water wasting habit for good!

## Water Saving Habits to Adopt



Cover your pool when not in use.



Water plants in the early morning or late evening.



Repair leaks, broken sprinklers and faucets to avoid unnecessary waste.



Use a broom—not a hose—to sweep patios, driveways and sidewalks.



**Kick the Habit**  
don't waste water

*Brought to you by the Inland Empire Utilities Agency.*

Learn more at [KickWaterWaste.com](http://KickWaterWaste.com)




# Kick the Habit

fix all leaks



**WARNING:** Household leaks can waste millions of gallons of water.

## Common leaks include:

-  toilet flappers
-  dripping faucets
-  leaking valves

## FIX A LEAK WEEK

### MARCH 20-26, 2017

Do your part to chase down and fix any household leaks!

For information on how to test for and repair leaks around the household visit [www.epa.gov/wastersense/](http://www.epa.gov/wastersense/).



**KickWaterWaste.com**



Llegó la primavera, es hora de actuar

Instale un sistema de riego por goteo.



**Deje el Hábito**

no desperdicie el agua

**H<sub>2</sub>**♥

Traído a usted por Inland Empire Utilities Agency.

Aprenda más en [KickWaterWaste.com](http://KickWaterWaste.com)

# Kick the Habit don't waste water



## Are you AWARE of your water use?

This summer be aware of your water use and remember to use water wisely. Californians must permanently change how we use water. Protect our precious resource and kick the water wasting habit for good.

### WATER SAVING HABITS TO ADOPT



Use a shut-off hose nozzle when washing a vehicle.



Fix all leaks.



Sweep don't spray. Use a broom to clean outdoor areas.



Limit outdoor watering. Water in the early morning or late evening and make sure to avoid runoff.



Cover your pool when not in use.

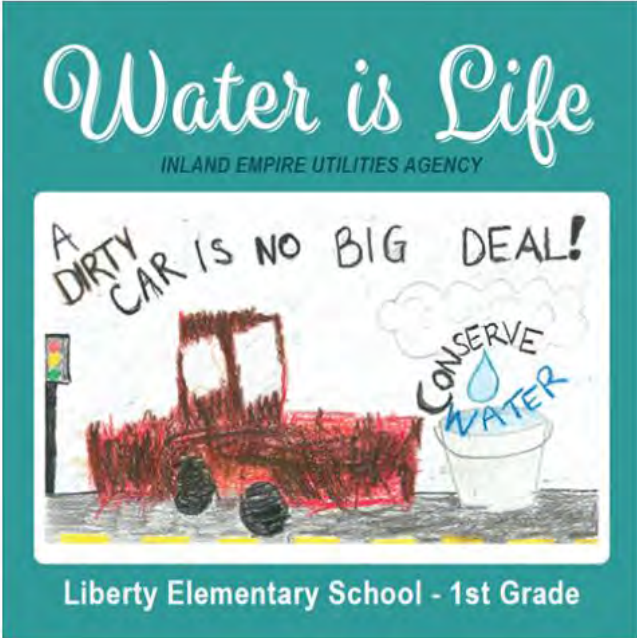
[KickWaterWaste.com](http://KickWaterWaste.com)



*Inland Empire Utilities Agency*  
A MUNICIPAL WATER DISTRICT

 **Inland Empire Utilities Agency**  
June 7 · 🌐

"Water is Life" Student Art from a 1st grade student at Liberty Elementary School in Ontario. #WaterisLifeWednesday  
Chino Valley Unified School District Metropolitan Water District of Southern California



 **Inland Empire Utilities Agency**  
May 27 · 🌐

Eliminate water runoff by replacing conventional spray heads with rotating sprinkler nozzles. To see if you qualify for a rebate, visit [www.ieua.org/rebates](http://www.ieua.org/rebates). #KickWaterWaste #WaterAwarenessMonth



 **Inland Empire Utilities Agency** added 11 new photos.  
May 22 · 🌐

Congratulations to Chino High School, Chino Hills High School, Henry J. Kaiser High School, and Los Osos High School on another great year of participation in Metropolitan Water District of Southern California's 2017 Solar Cup! Here are some highlights of preparations leading up to the event:



 **Inland Empire Utilities Agency** added 8 new photos.  
April 20 · 🌐

It was an Earth-tastic day yesterday! Over 1,600 participants came to our School Earth Day Celebration and learned how to be an environmental steward!

Join us later today from 4-7pm at the Chino Creek Wetlands & Educational Park for our Community Earth Day Celebration! [www.ieua.org](http://www.ieua.org)





 **Inland Empire Utilities Agency** added 3 new photos.  
April 18 · 🌐

Arroyo Elementary School in Ontario is a Garden In Every School® grant recipient this year. The plot of land designated for the garden was recently transformed into a water-wise conservation garden.



 **Inland Empire Utilities Agency**  
March 22 · 🌐

We're committed to improving water quality and reducing, treating and reusing wastewater. #WorldWaterDay



 **Inland Empire Utilities Agency** at  Chino Creek Wetlands and Educational Park.  
December 13, 2016 · 🌐

Recently at a Water Discovery Field Trip, 4th grade students from Walnut Elementary learned how water pollution can result from a variety of activities and discussed ways to eliminate pollution. Chino Valley Unified School District



 **Inland Empire Utilities Agency**  
October 3, 2016 · 🌐

Water Discovery field trips are filling up fast! Educators, do you have your field trip planned for the school year?

Visit our scheduling calendar at <http://ow.ly/99m5304FpPv> for available dates and book your FREE field trip today!



**Water Discovery Field Trip Program**

Scheduling for School Year 2016/17 is Now Open and Easier Than Ever!

- FREE Field Trip to the Chino Creek Wetlands and Educational Park
- Field Trips are held Tuesdays through Thursdays from 9:30 a.m. – 12:00 p.m.
- Hands-on activities tailored to grade levels
- Busing mini-grant available
- Program aligns with CA State Curriculum Standards; Science, Technology, Engineering, Mathematics (STEM) and Next Generation Science Standards (NGSS)

To schedule your FREE class field trip visit <https://www.ieua.org/facilities/chino-creek-wetlands-educational-park/water-discovery-program/> and fill out the online request form or contact Katie Cabana, External Affairs Specialist I at (909) 993-1925 or [kcabana@ieua.org](mailto:kcabana@ieua.org).