


# Turf Replacement and Agricultural Efficiency Program


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## IRWM Prop. 50 Presentation Overview

- Who we are and what we do
- City of San Diego and Water Authority Turf Replacement (Rebate) Programs
- Water Authority Agricultural Efficiency Program



### What is the Water Authority?


- Wholesale water agency created by State Legislature in 1944
- 24 member agencies
- 35-member board of directors
- Serves 3.1 million people and region's \$191 billion economy
- Mission is to provide safe and reliable water supply to member agencies
- Service area
  - 950,000 acres
  - 97% of county's population

### Turf Replacement Program – City of San Diego

- City of San Diego launched program September 2010
- Included rebates for:
  - Turf replacement – issued \$500,000 in rebates
  - Micro-Irrigation – issued \$70,000 in rebates
  - Smart Controllers – issued \$90,000 in rebates


| All Rebates    | # Resid. Rebates | # CII Rebates | Total # Rebates |
|----------------|------------------|---------------|-----------------|
| Program Totals | 590              | 120           | 710             |



### Turf Replacement Program – Water Authority

- Water Authority launched program December 2012 using USBR funds; started using IRWM Prop. 50 funds September 2013.
- Issued over \$180,000 in rebates.



| All Rebates    | # Resid. Rebates | # CII Rebates | Total # Rebates |
|----------------|------------------|---------------|-----------------|
| Program Totals | 91               | 6             | 97              |



### Turf Replacement Rebates

| Agency            | Rebate Amount                       |
|-------------------|-------------------------------------|
| City of San Diego | •Resid: \$1.25 per SF up to \$3,000 |
|                   | •CII: \$1.50 per SF up to \$9,000   |
| Water Authority   | •Resid: \$1.50 per SF up to \$3,000 |
|                   | •CII: \$1.50 per SF up to \$9,000   |

SF: Square foot

## Turf Replacement Square Footage

| Agency            | Project Area Limits   |
|-------------------|---|
| City of San Diego | <ul style="list-style-type: none"> <li>•Resid: 400* - 2,400 sq. ft. (\$1.25/SF)</li> <li>•CII: 1,000 - 6,000 sq. ft. (\$1.50/SF)</li> </ul> |
| Water Authority   | <ul style="list-style-type: none"> <li>•Resid: 400 - 2,000 sq. ft. (\$1.50/SF)</li> <li>•CII: 1,000 - 6,000 sq. ft. (\$1.50/SF)</li> </ul>  |

\* Front yard lawns with less than 400 sq. ft. are eligible if 100% of turf is replaced.  
SF: Square foot

## Program Eligibility

| Agency                              | Eligibility  |
|-------------------------------------|--|
| City of San Diego / Water Authority | <ul style="list-style-type: none"> <li>• Funding on first-come, first-served basis.</li> <li>• Property must be within Water Authority and City service area.</li> <li>• Converted areas must have existing live turf and operational, in-ground irrigation system.</li> <li>• Projects using artificial turf or invasive plants are <u>not</u> eligible.</li> </ul> |

## City of San Diego Participant



Before

## City of San Diego Participant



After

## Water Authority Participant



Before

## Water Authority Participant



After

## IRWM Prop. 50 Agricultural Efficiency Programs

- Agricultural water use efficiency audits
- Agricultural assessment
- Agricultural research project

## Agricultural Audits

1. Supports the \$5.1 billion annual value to San Diego's economy
2. Goals:
  - a. Improve system efficiencies and crop yield
  - b. Identify water savings potential
  - c. Provide site water budgets
3. 208 audits were grant-funded
4. Provides farmer a system evaluation report



## Agricultural Assessment

- Identifies amount of land dedicated to agriculture
- Identifies future water demands for agriculture
- Results provided in the Water Authority's Urban Water Management Plan



## Agricultural Research Project

- Evaluates the optimal treatment level and irrigation practices that are required to obtain the most efficient use of recycled water on avocados
- Partners: Water Authority, Mission Resource Conservation District, San Diego Farm Bureau, City of Escondido, Escondido Growers for Agricultural Preservation
- Goal: Convert avocado groves from using treated water to recycled water

## Stay in Touch with the Water Authority

### Video & Slide Sharing



### Mobile App



[sdcw.org/mobile-news-app](http://sdcw.org/mobile-news-app)

### Social Media



@sdcwa

[www.sdcwa.org](http://www.sdcwa.org)

## Thank you!

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