This presentation premiered at WaterSmart Innovations

watersmartinnovations.com







An Online Tool to Measure Outdoor Water Savings

October 9, 2008

Overview

Project Scope

Features & Approach

WaterSmart Target Demo

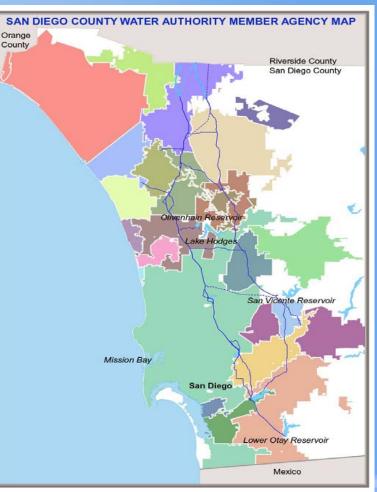
Lessons Learned



Partners & Project Contacts

Project Scope

- Wholesale Agency
- 24 Retail Agencies
 - Small Large
 - Rural Urban
 - Coastal Inland
 - Municipal Agency





Dedicated – Mixed Meters

Features

Customized Agency Data Portal

Simplified Landscape Area Measurements

Comprehensive Performance Reports



Overuse Notification System



Address Key Concerns

Early Adopters

Alpha – Beta - All



WOW Factor

Incentives and Cost Effectiveness

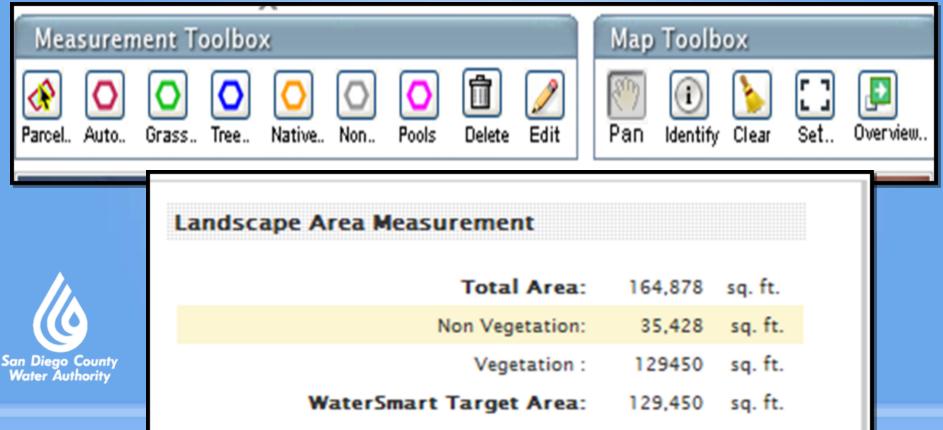
WaterSmart Target

Audits/Technical Assistance

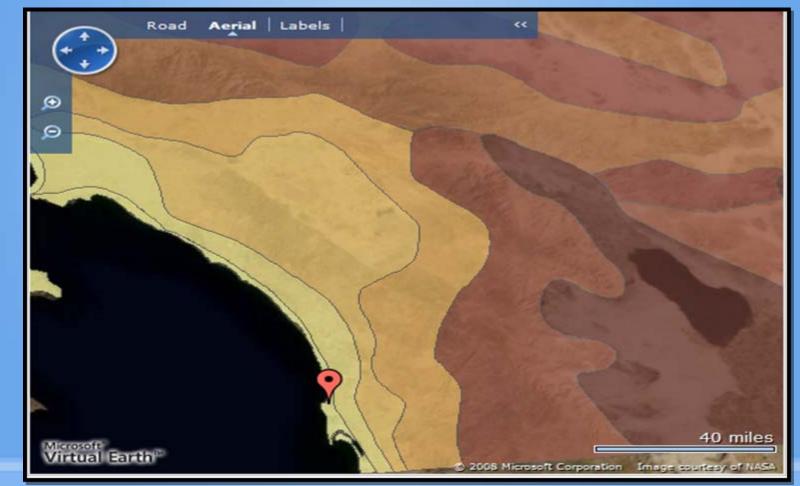
Incentives



Landscape Area Measurement Tool

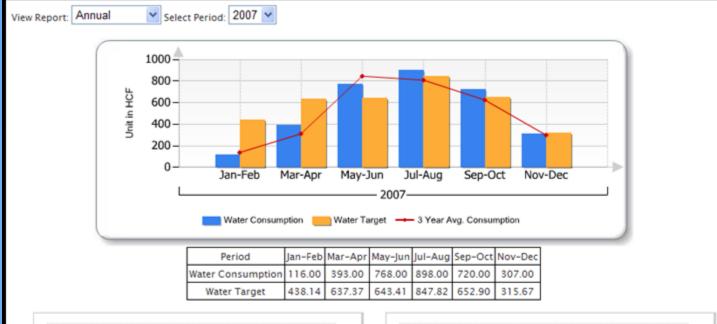


Evapotranspiration





WaterSmart Target





Average Use	Actual Use
3,003.67 HCF	3,202.00 HCF
You are 7% over your av	verage use.
Your Water Target C	omparison
Water Target	Actual Use
3,535.31 HCF	3,202.00 HCF
You are 9% under your	water target.
Money Saved: \$0.00	

Your Average lise Comparison

Estimate value of water (actual use-water target) based on potable water rate.

Landscape Area Measurement		
Total Area	164,878	sq. ft.
Non Vegetation	n: 35,428	sq. ft.
Vegetation	: 129450	sq. ft.
WaterSmart Target Area	129,450	sq. ft.
Water Target Formula		
Water Target Formula:(((ETo x ETo adjustm Precipitation) x Area) x Conversion factor		pitation x
*CIMIS Station = 173 (Torrey Pines) **One billing unit = HCF		

Key Project Steps: Overview





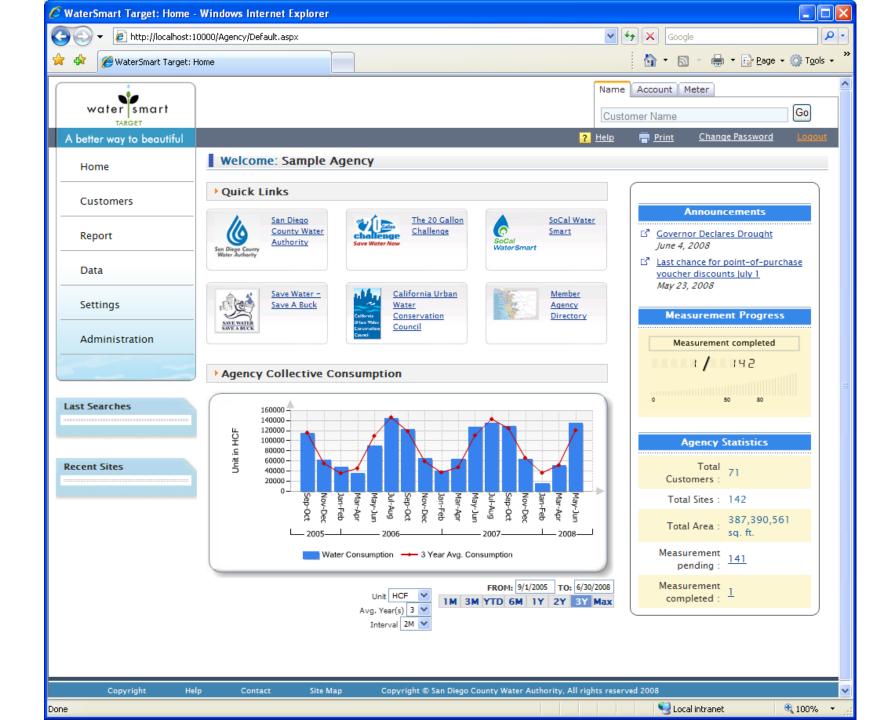


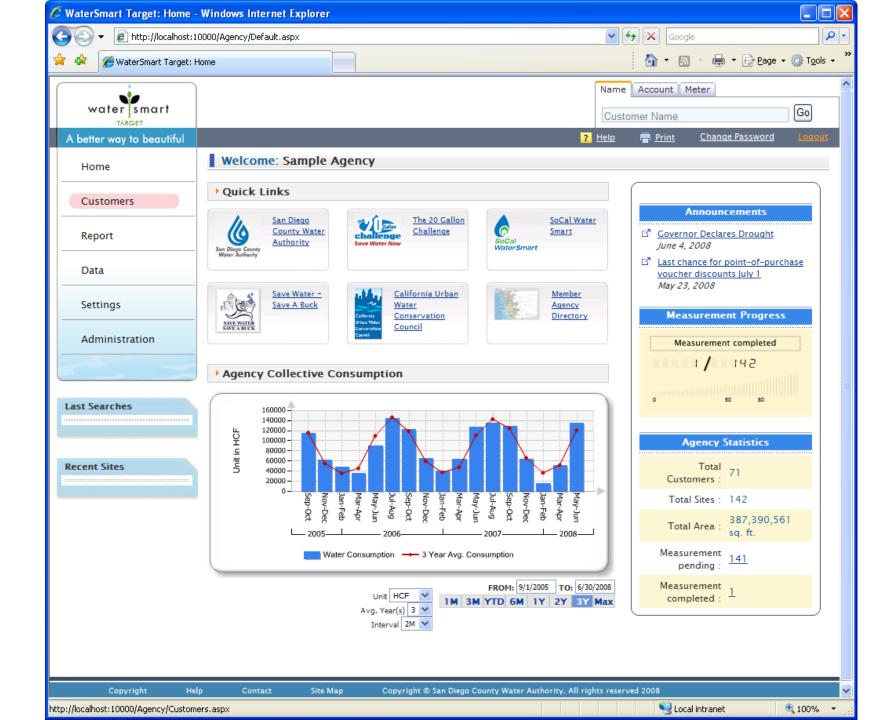
WaterSmart Target Demo



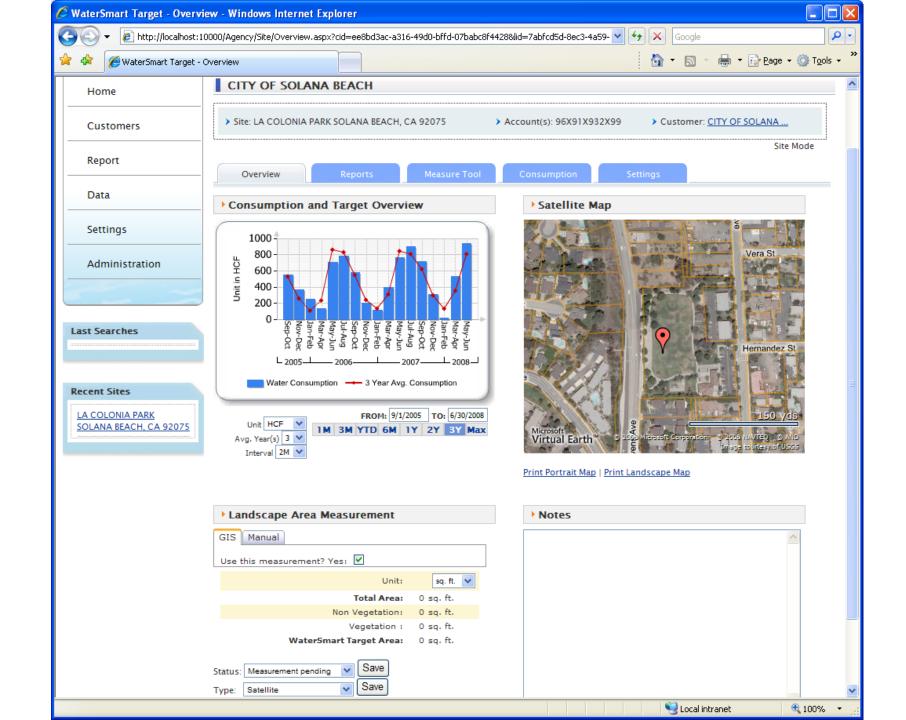
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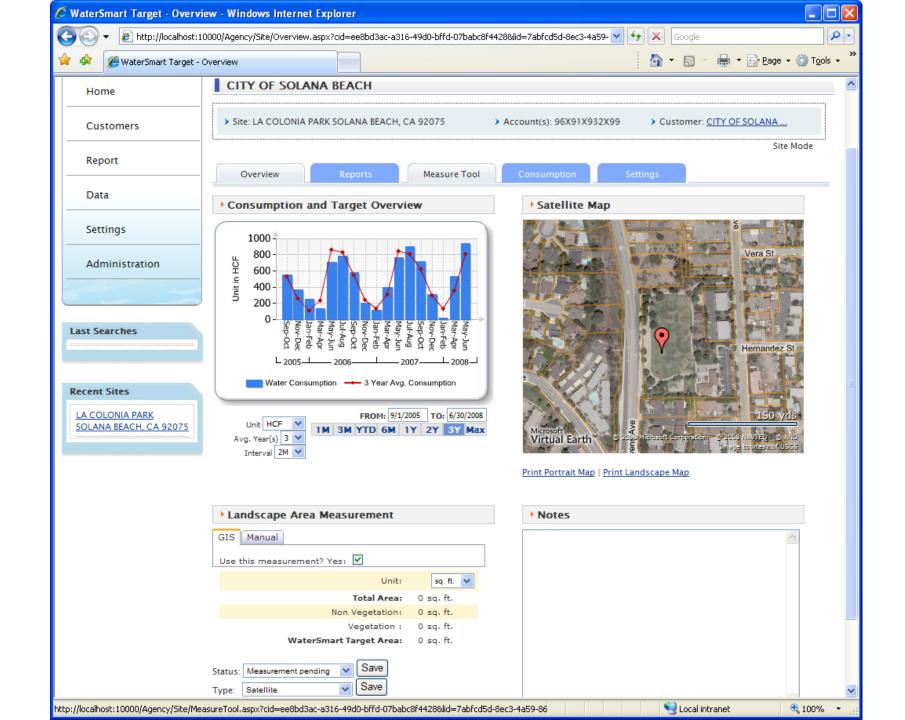
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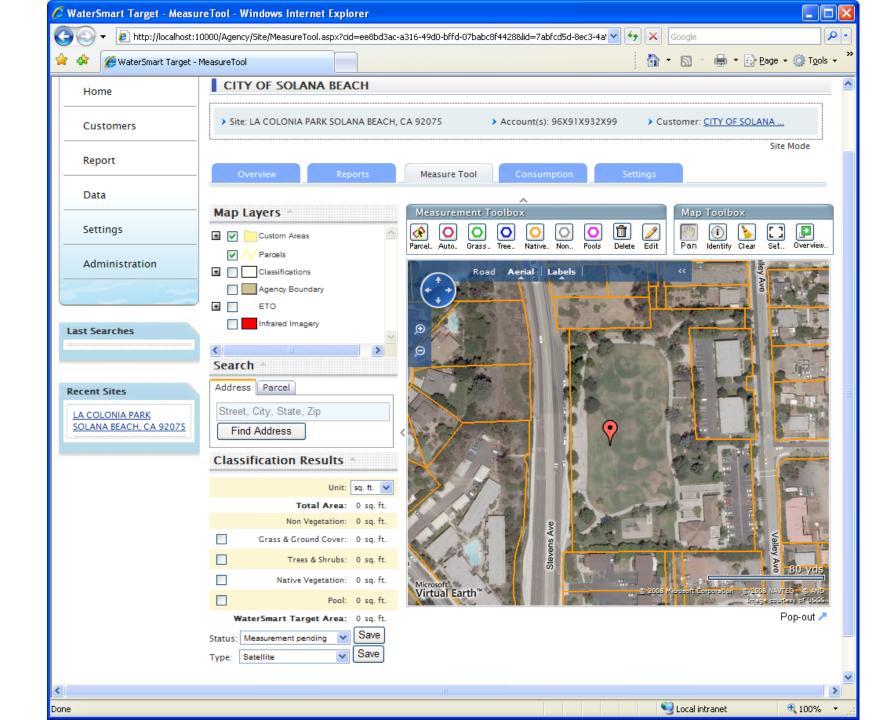


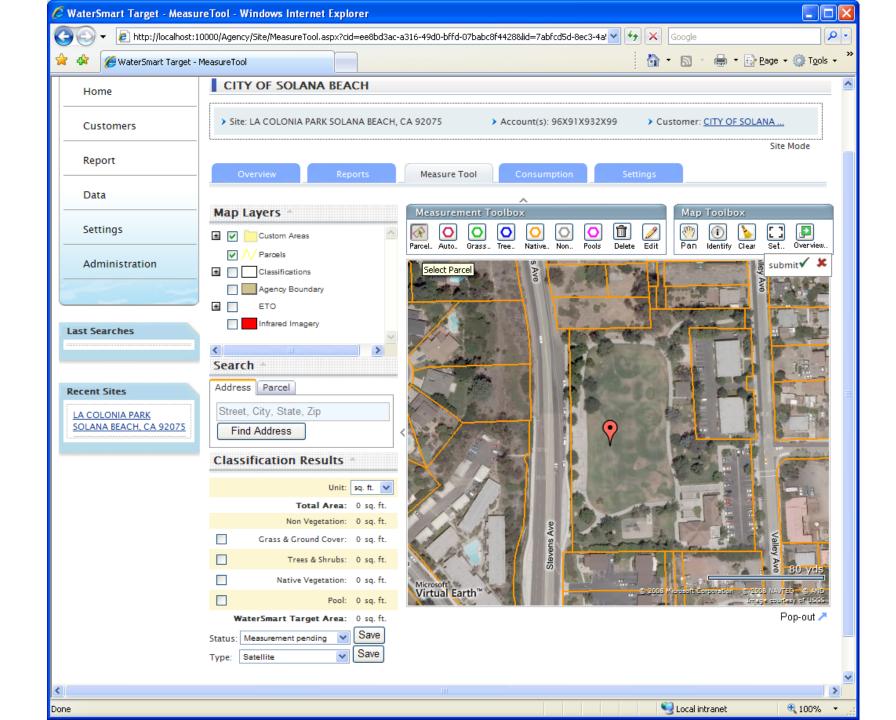


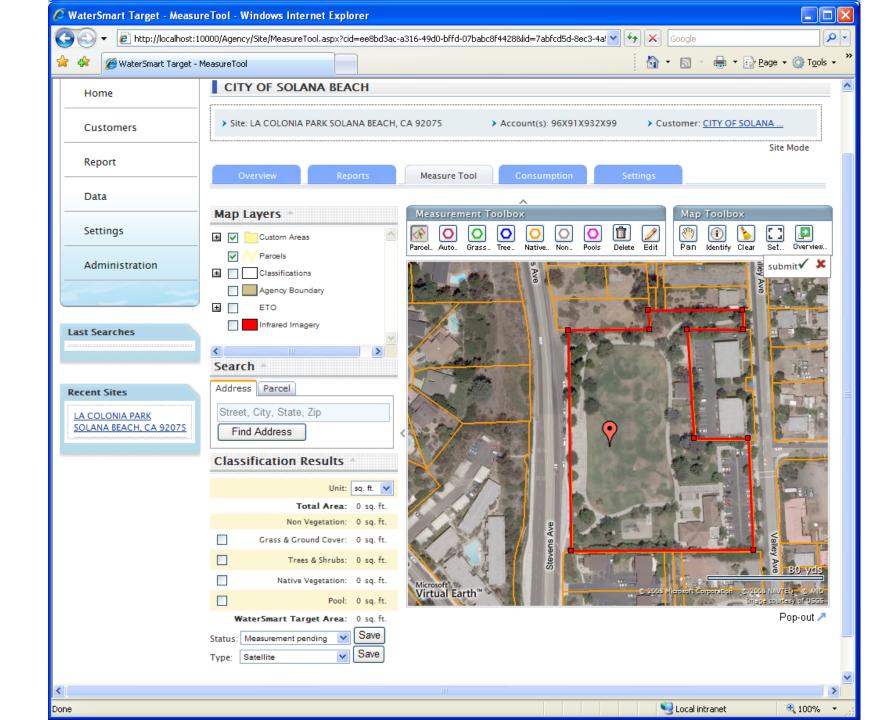
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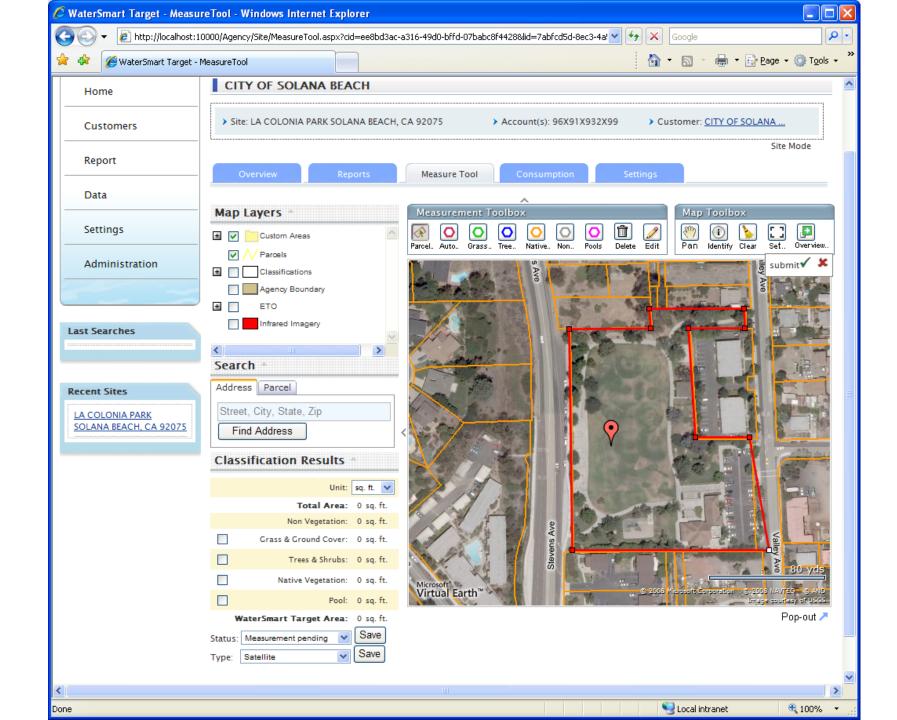


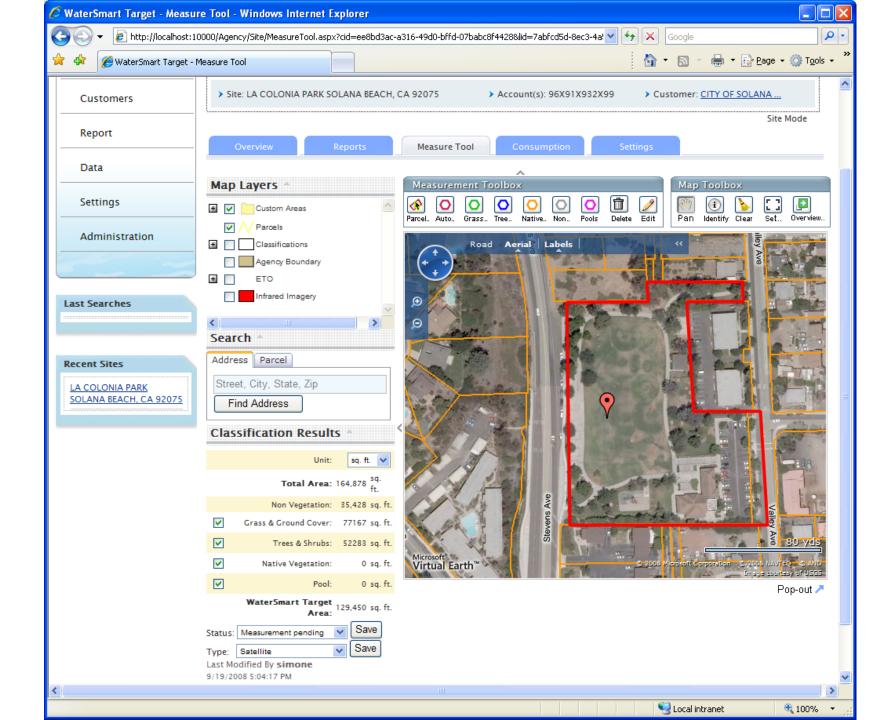


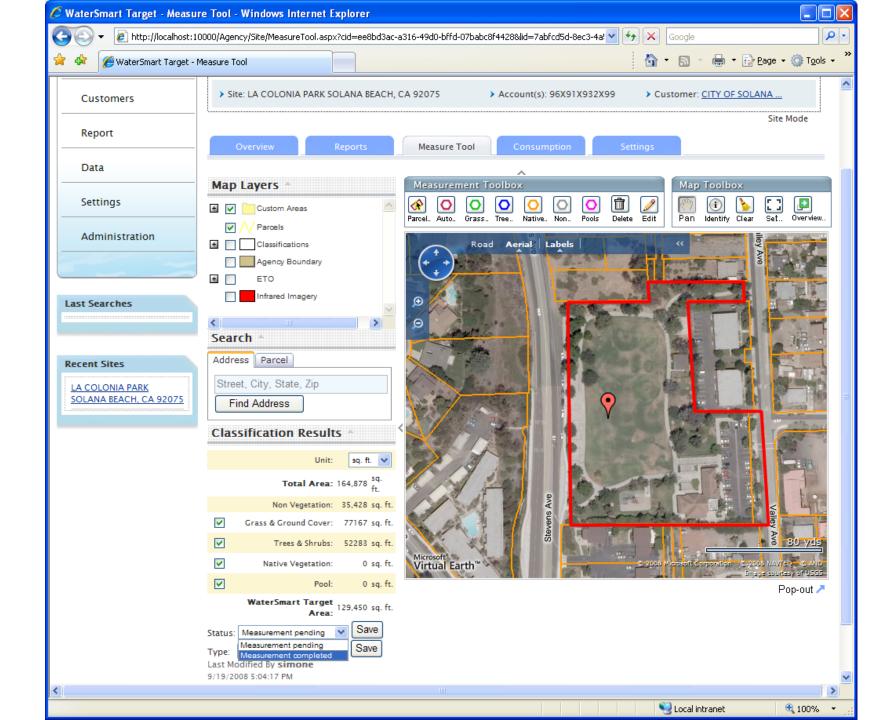












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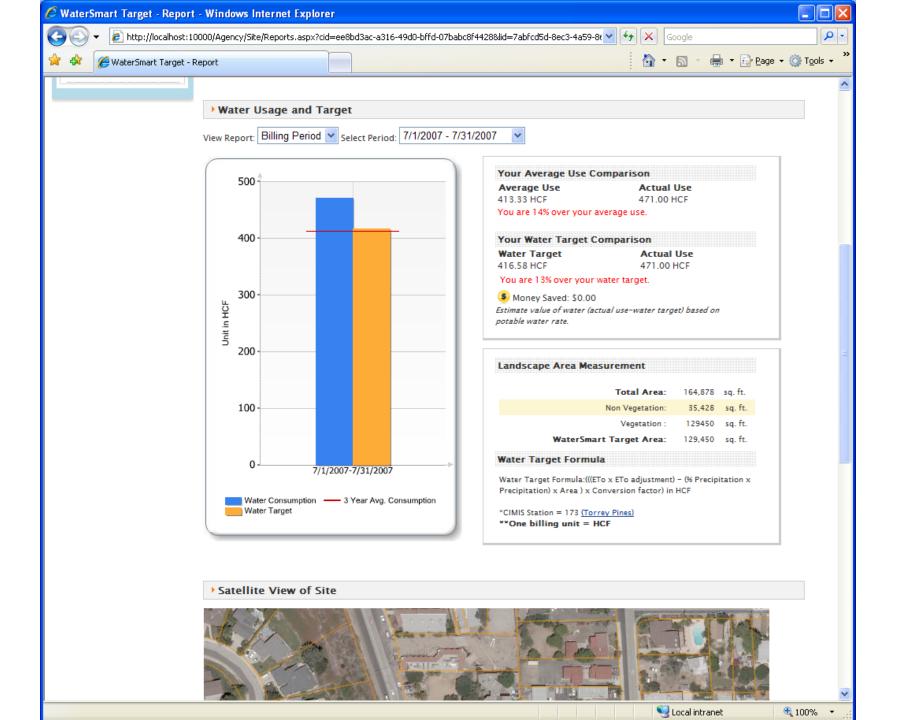
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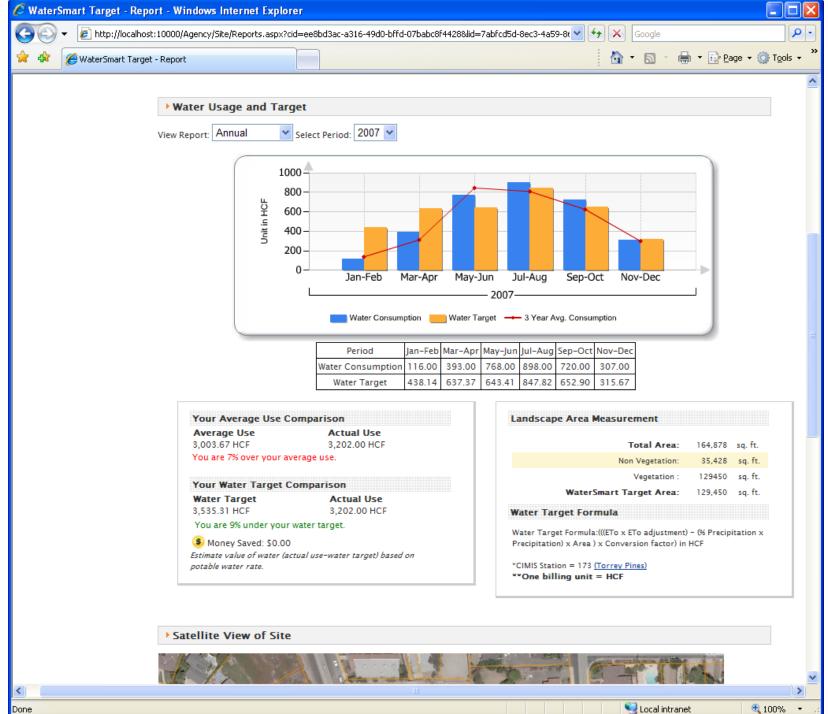
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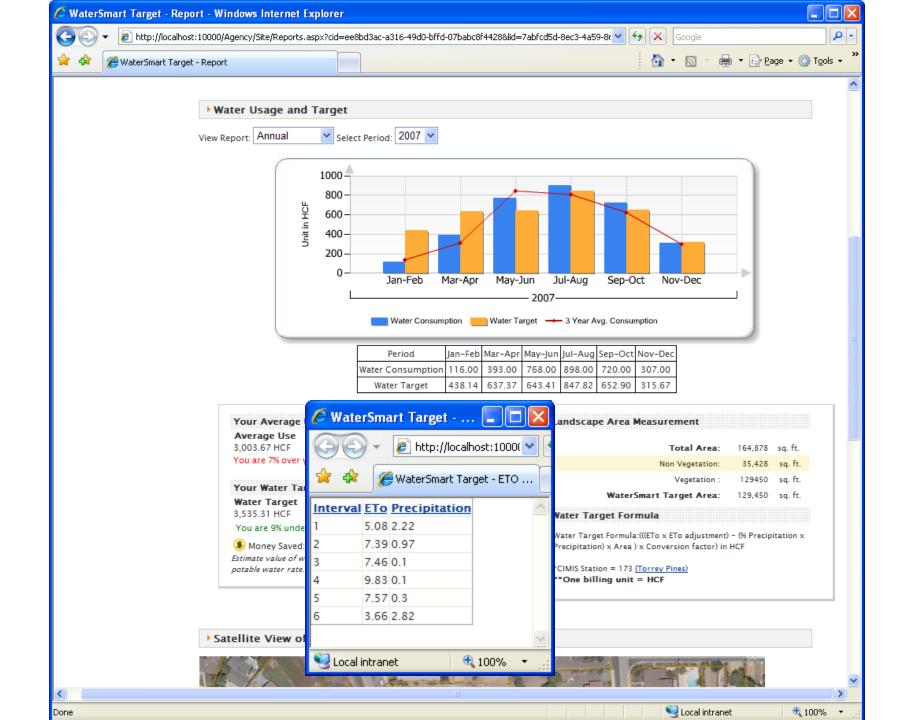
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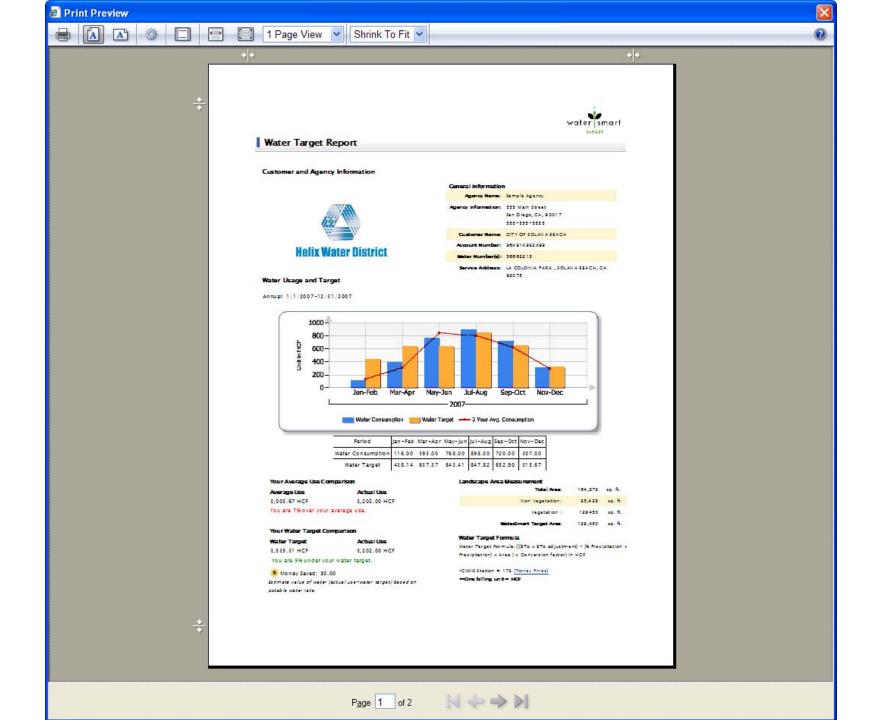
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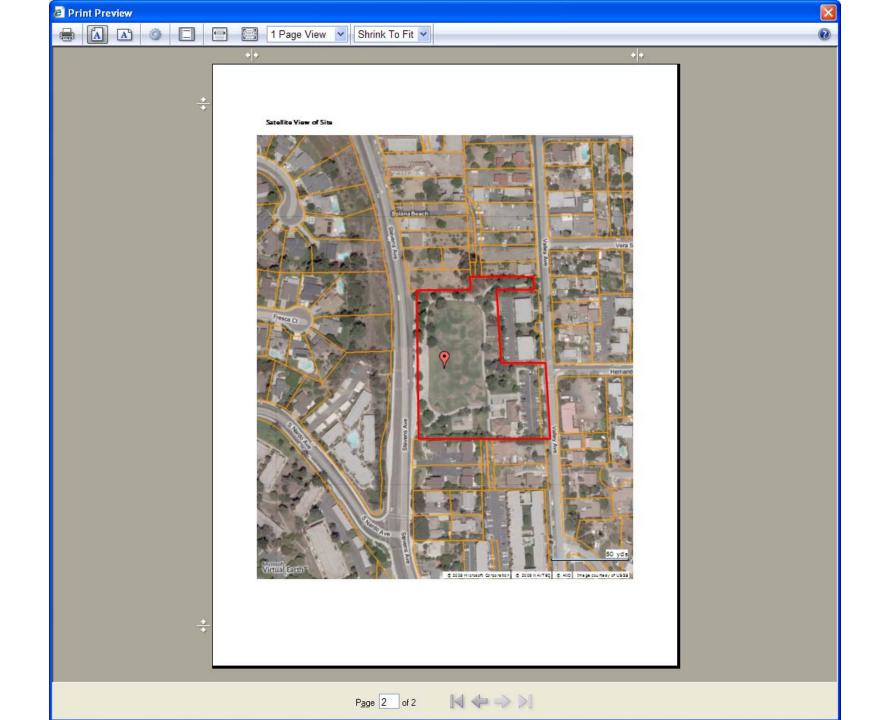


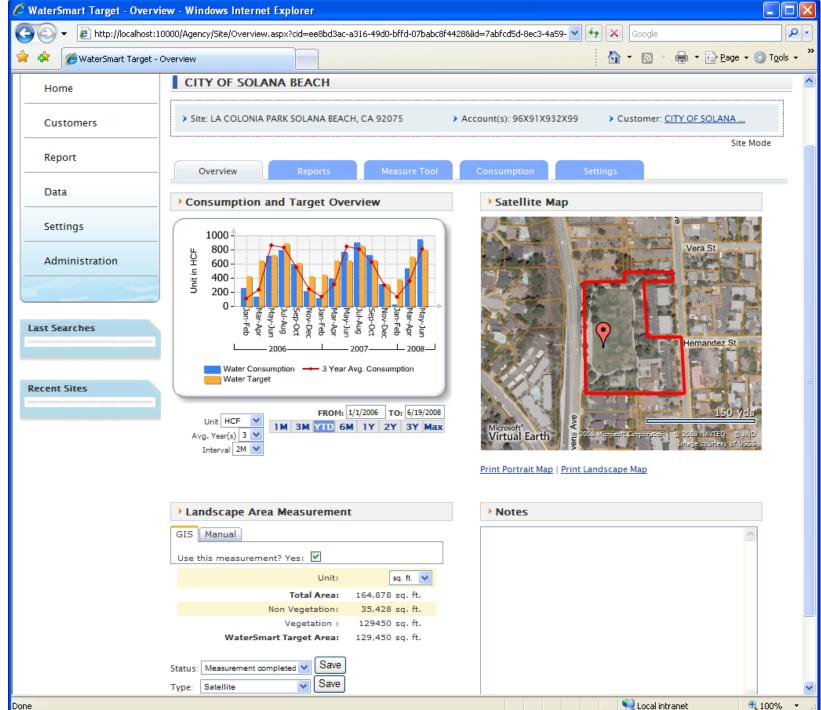


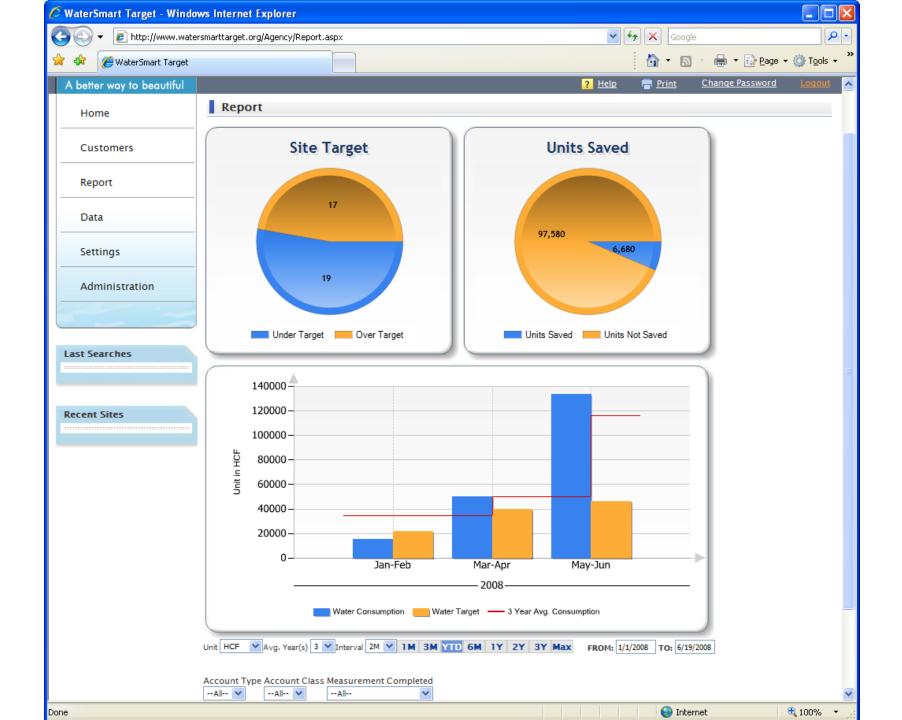
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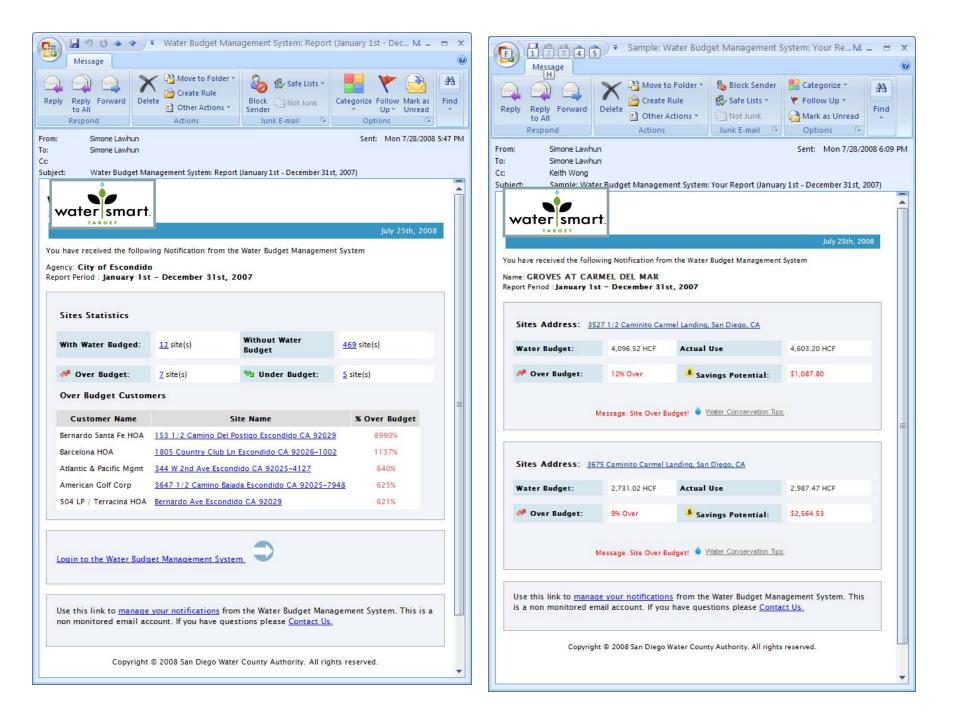


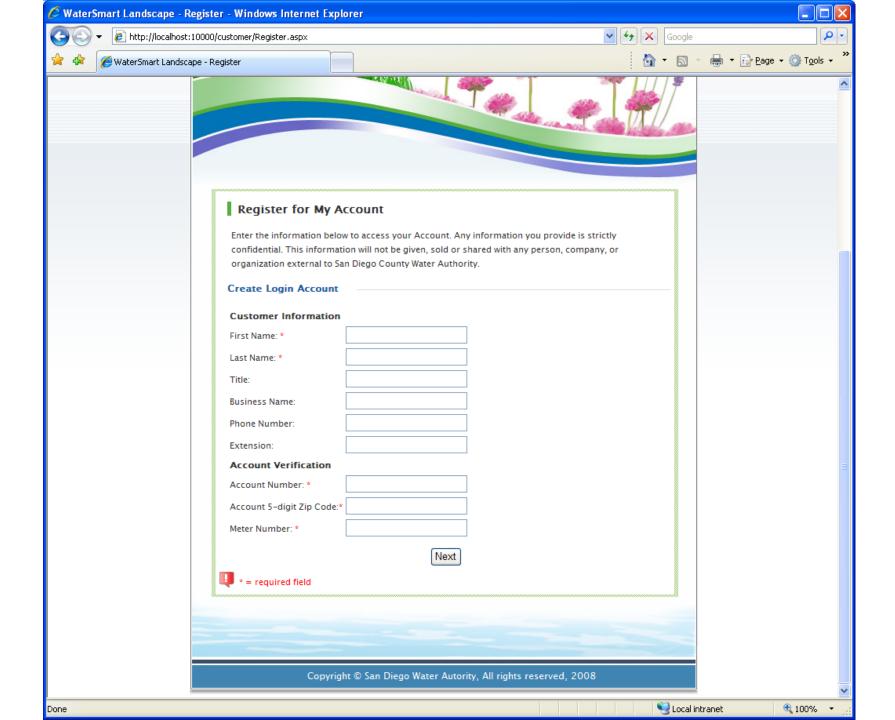




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Potential Future Enhancements

Conservation Programs Database/Tracking

- Additional Interactive Mapping Tools and Views (e.g., Recycled Water, Additional Data Layers, Custom Views)
- Full Customer Relationship Management (CRM)



Addition of Mixed Meter WaterSmart Targets

Lessons Learned

Labor Intense

Antiquated Agency Billing Systems

Billing Data Entry Inconsistencies



Human Verification Necessary

Area Served by Meters

Partners



SDCWA Member Agencies



Contacts

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