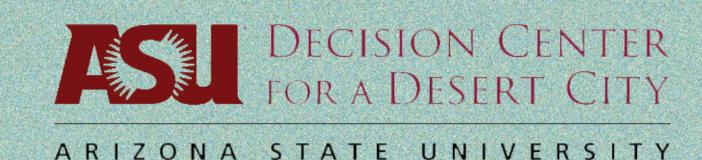


## Effectiveness of "Fix-A-Leak-Week 2015" Direct Incentive Campaign on Residential Water Conservation Behavior in Goodyear Arizona

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## How does it work?

The average US household's leaks can account for more than 10,000 gallons of water wasted every year [1]. This project utilized the Environmental Protection Agency's (EPA) WaterSense® program "Fix-A-Leak-Week" as a foundation to frame parameters for a direct-incentive program to reward City of Goodyear residents for lowering their monthly household water consumption by 1,000 gals or more through changes in usage behavior .



The City partnered with
Liberty Utility Co., Goodyear
Ballpark, the Cleveland
Indians© & Cincinnati
Reds©, as well as the Arizona
Municipal Water Users
Association (AMWUA) to

offer (2) free spring training baseball tickets (March 16-22, 2015) as a reward to Goodyear residents who lowerd household water use in January or Februaury 2015 over the same period last year.

## The Result?



- from

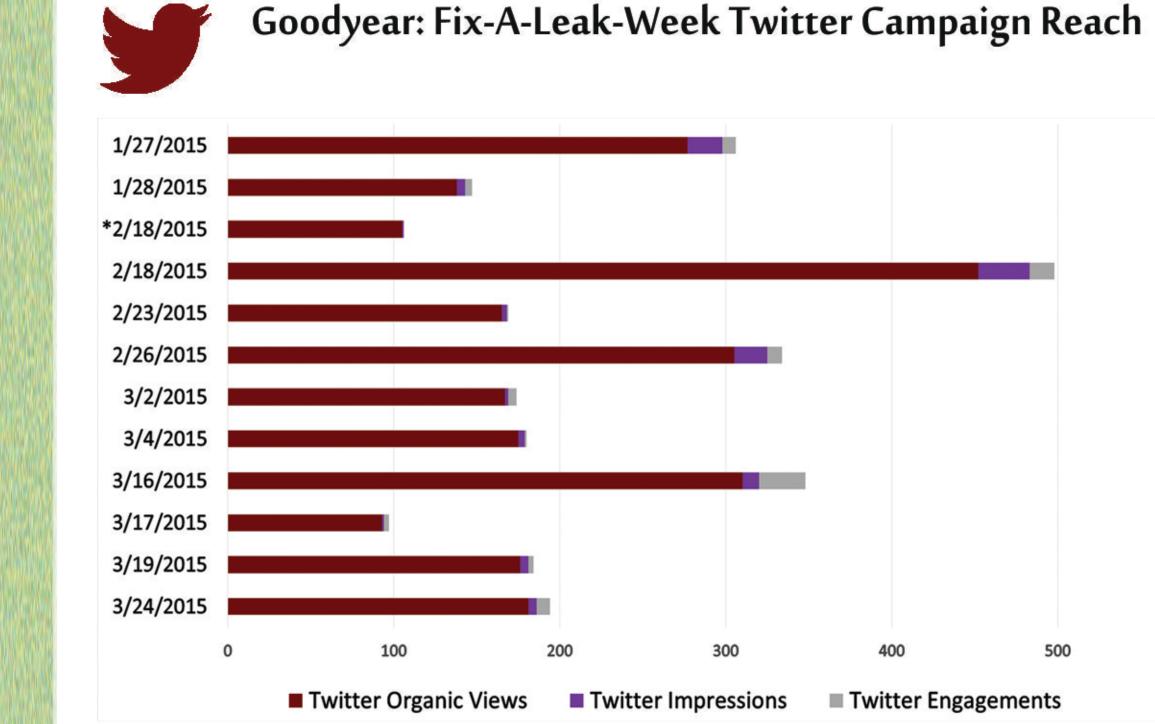


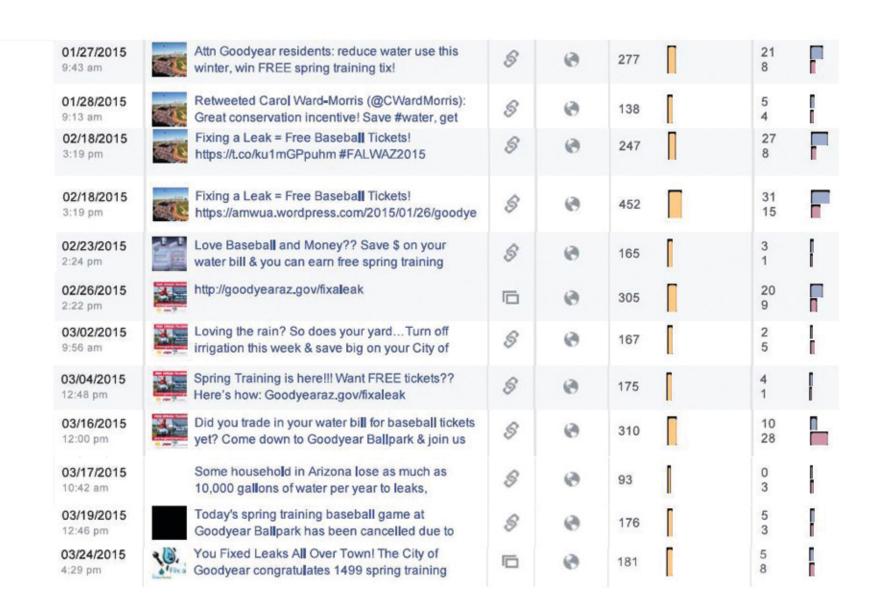




1,499 FALW Tickets Claimed

## Web Presence and Social Media "Impressions" & "Reach"





## Website Traffic Count Website Traffic Count Website Traffic Count Website Traffic Count Fix-a-Leak Week (Homepage) Find and Fix Leaks News and Info One for Water 4-Miler Redeem Tickets Total County Total Co

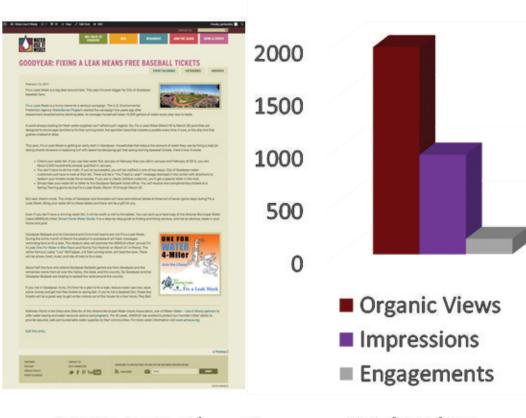
One metric used to determine of overall effectiveness of the program was the "reach" or visibility of directed campaign messaging. Twitter Analytics WordPress data were utilized to evaluate online messaging provided the City with measures for organic views, impressions ("Likes" or "Favorites"), and engagements ("Shares" or "Reposts") having an increasing 'quality' of interaction respectively.

A dedicated & interactive 'Fix-A-Leak-Week' homepage (goodyearaz.gov/fixaleak), Official City Twitter account messages, and an AMWUA shared article on Goodyear's Fix-A-Leak-Week program were all employed to spread online messaging & results listed in the surrounding tables.

Direct messaging in the form of intra-bill notifications, bill-stuffers, and direct mailers) were also distributed to 21,500 Goodyear Residents over the length of campaign explaining Fix-A-Leak-Week 2015 qualification & redemption information.

# PHOTO Cityofgoodyear Som Goodyear FIX A LEAK WEEK March 16 – 22, 2015 Int of water leaked from United States homes is estimated to be more than one trillion raiging 30,000 galans per house, with ten percent of homes having laaks that wester with ten percent of homes having laaks that wester no per day, and in household lack bridges leaking irrigation, broken sprinkers or totief flappers, is other leaking valves; and as simple leaks, both indoors and outdoors, can seve homeowners ten percent of hits; and an important component of water derivery and use, fixing leaks abo saves energy. I would be a statical leaking valves; and as important component of water derivery and use, fixing leaks abo saves energy. The list a partnership sengram spansored by the United States. Environmental and in partnership sengram spansored by the United States. Environmental and some per shapers, no well as the Chicumstal Rects and Confederal collection. The list a partnership sengram spansored by the United States and confederal collection of the confederal collection of the collection of

### "Goodyear: Fixing A Leak Means Free Baseball Tickets"



AMWUA Blog Post on 01/26/15

The average US househod lost



## Conclusions & Recommendations

only 6%

of qualified residents redeemed



1 in 3

Eligible Redeemers Visited FALW Booth

- The "Fix-A-Leak-Week" campaign redeemers accounted for 3.91% of 38,311 total Ballpark attendance March 16th-22nd.
- Although Liberty Utility customers only accounted for 14.6% of total eligible meter in the city, they accounted for 87% of all FALW redeemers.\*
- Goodyear ran a promotional/educational booth with low-cost prizes (provided by Liberty Utility & City of Goodyear) given to qualified redeemers, designed to help conserve residential water use when implemented properly. A high booth-visit rate or captive audience controller of 31% was recorded for the three days we were onsite.



An internal post-campaign evaluation meeting was held April 7th 2015 with representatives from City of Goodyear's public works & water conservation departments, communications staff, Goodyear Ballpark operations staff & officials to assess the program's viability as a water-conservation campaign and to make recommendations for future version of the program.

The City's Fix-A-Leak-Week 2015 was considered successful as pilot program & will be replicated with modifications in 2016. Goals for the next campaign have been identified as:

- Using online and social media outlets to create a "buzz" among varied audience niches.
- Establish a long lead time so that synergies among partners can occur
- Consider balance of getting intentional commitment and audience in planning.
- Notify incentive winners in media they can't miss.
- Have backup staff to the backup staff on key dates.

## Acknowledgments

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