

The Effectiveness of Municipally Driven ICI Water Audit Programs

Examining the Fort Worth Smart Water Audit Success

Effective Program Components

- Comprehensive audit to evaluate and investigate all facility water use - from the cooling tower to the irrigation system
- Seek an outside consultant to bring expertise, experience and objective credibility to the program
- Consider parity in defining the pricing structure matrix to address variation in facility size
- Work with the consultant to track actual water reductions
- Allow opportunity for the consultant to conduct work for the audit participant outside of the municipalities contract

Pricing Matrix

Creating a block pricing matrix for industry classes based on level of complexity

Task per Unit*	Level 1	Level 2	Level 3	Level 4
Institutional	< 25	25-50	51-100	>100
<small>*Per bed or room for hospitals, hotels, dorms and other spaces</small>				
Task Total	Level 1	Level 2	Level 3	Level 4
Fixtures Commercial	1 - 5	6 - 10	11 - 20	>20
Task Total	Level 1	Level 2	Level 3	Level 4
Sq. Ft. Industrial	< 25K	25K - 50K	51K - 100K	> 100K

Types of Businesses to Address

- Museums
- Hotels
- Patient Care/Assisted Living Facilities
- Aerospace Facility
- Hospitals
- Dairy
- High Schools/College & University campuses
- Office Facilities

What is in it for the customers?

- No cost
- A fresh, unbiased evaluation of facility water use
- No charge to the customer
- Final report that becomes a tool to explore more water efficient strategies and gain management support
- Return on Investment per recommendation
- Did we mention it's FREE

Program Benefits

- Reduces water demand and increases water resources
- Strengthens working relationships with ICI customers
- Provides opportunity for customers to reduce water use and save money
- Provides avenue for customer to promote a "green" image
- Promotes customer achievements via annual award program

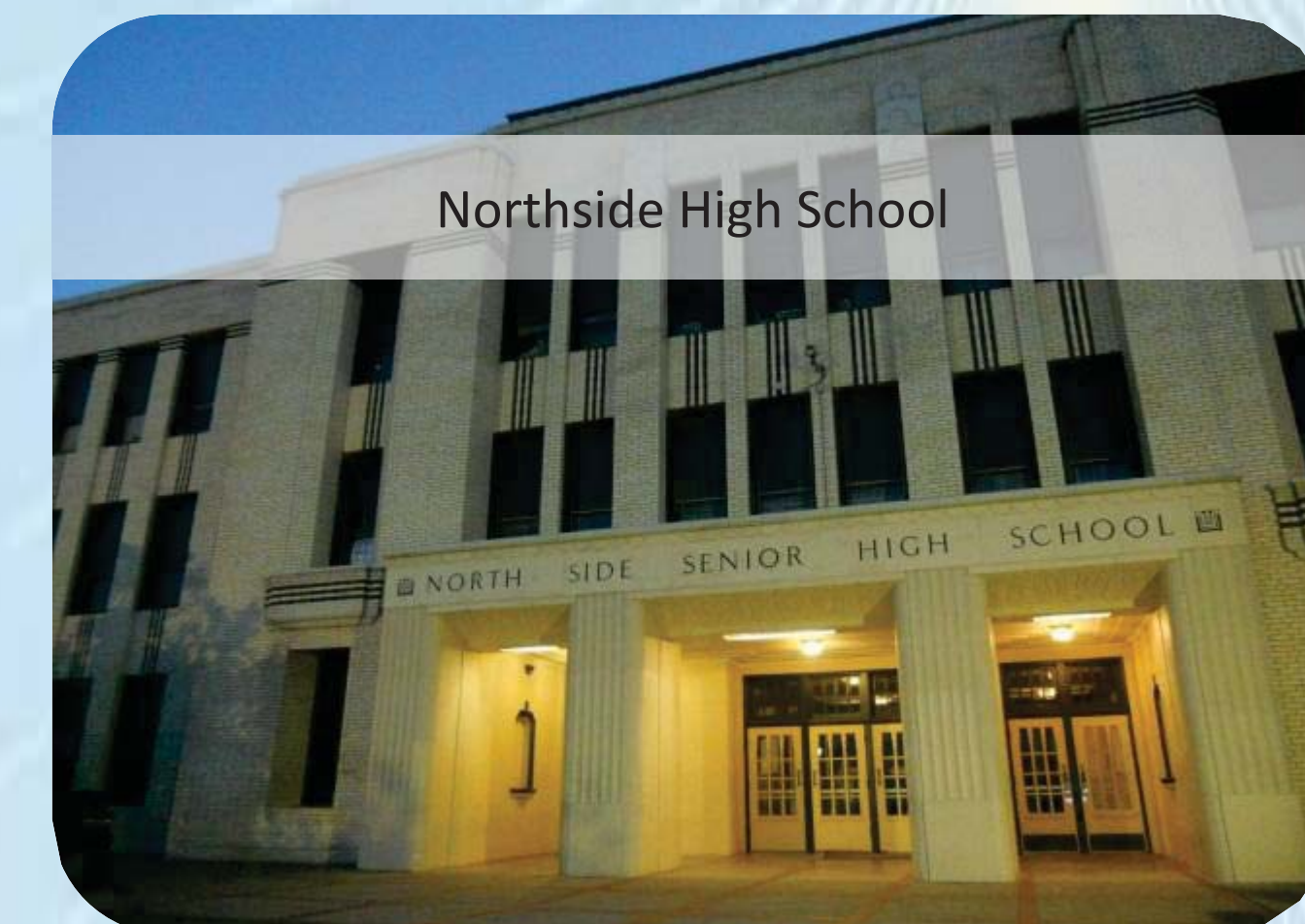
Clients Reducing Consumption...



Performing Arts Center of Fort Worth

A comparison of water usage between 2010 and 2011, reflected a water use reduction of 25%.

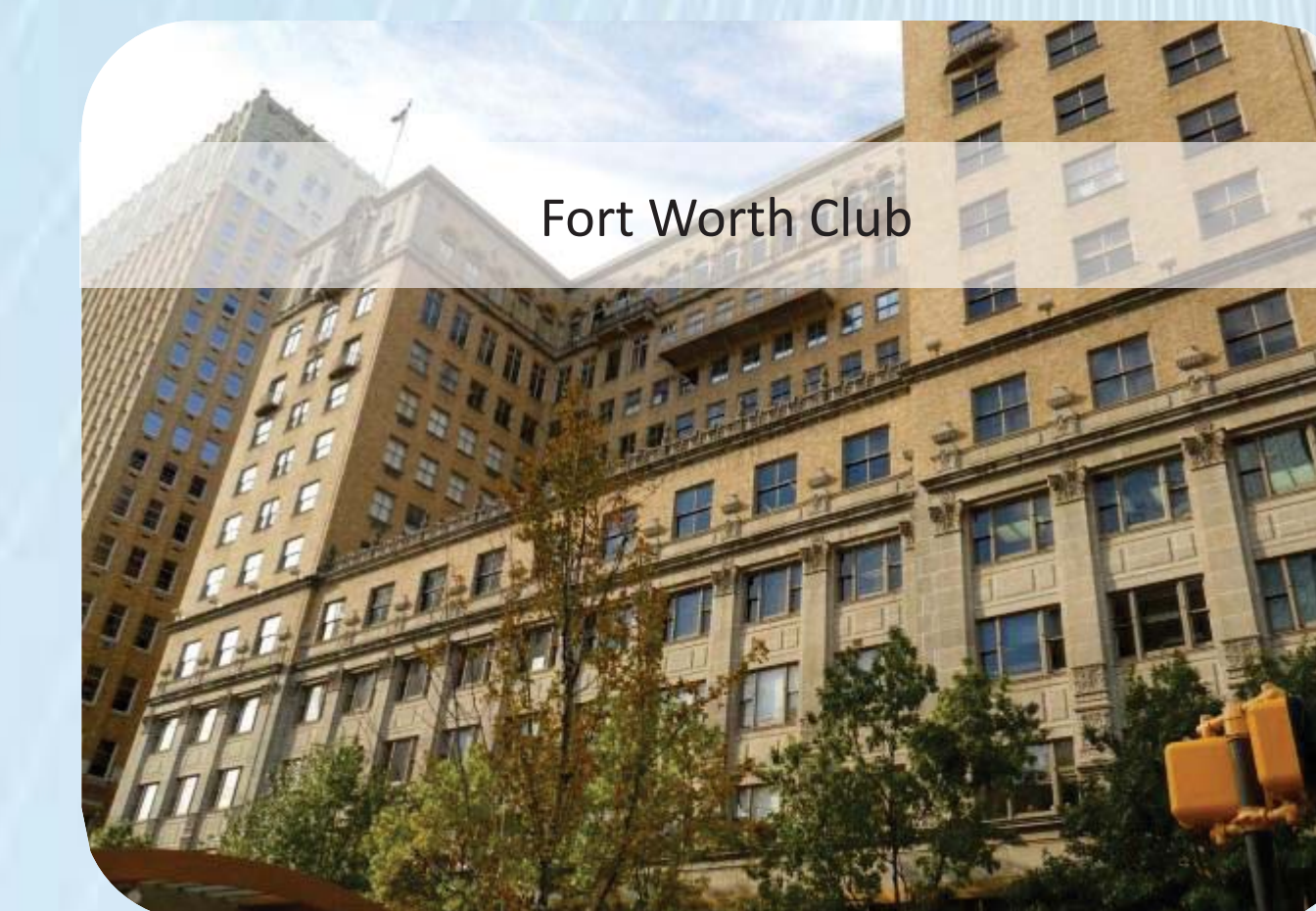
Savings: 373,000 gallons



Northside High School

A comparison of water usage between 2010 and 2011 reflected a water use reduction of 26%.

Domestic Savings: 1.3 mgd
Irrigation Savings: 1.7 mgd



Fort Worth Club

A comparison of water usage between 2010 and 2011 reflected a water use reduction of more than 11%.

Savings: 900,000 gallons



Lockheed Martin Aeronautics

A comparison of water usage between 2010 and 2011 reflected a total water use reduction of 6%.

Savings: 16.8 mgd

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