

ICI Water Audit Pilot Rebate Program

Water Efficiency Audit



Austin ISD received \$35,000 in rebates from Austin Water to conduct comprehensive water efficiency audits for seven campuses having the greatest potential water savings based on an Austin Water benchmarking study. To be eligible for the rebate, AISD was required to fix any controllable leaks identified by the audit and make any necessary adjustments to water-using equipment so that the equipment is working efficiently and without waste. In addition, the audit included water saving recommendations, their cost, benefit, payback period, and applicable rebate opportunities.

The audited campuses included Murchison Middle School and the following high schools: Austin, LBJ, Travis, Eastside Memorial, Crockett, and Lanier. Recommended measures included:

- Retrofit to high efficiency faucet aerators, showerheads, toilets and urinals
- Irrigation system repairs and upgrades
- Separate irrigation meters to better manage water use and eliminate wastewater charges
- Cooling tower water efficiency improvements
- Rainwater and AC condensate collection systems
- High efficiency laundry machines

The results of the 7 audits included total potential savings of 24 million gallons per year and total annual cost savings in utility bills of \$530,912 at 2014 rates. This excludes other savings such as reduced energy and chemical costs which would be a natural byproduct of the reduction in water usage. Total cost of the recommended measures was \$600,899 with total aggregate payback period of 1.13 years, assuming savings through reduced water and sewer bills. These costs do not include any cost reductions as a result of rebates from Austin Water.

For more information please visit our web site, www.WaterWiseAustin.org

Austin ISD

- Potential annual savings of 24 million gallons
- Potential annual water and wastewater cost savings of \$530,912
- Total potential investment cost of \$600,899
- Total aggregate payback period of 1.13 years
- Total audit cost \$42,000
- Total audit rebate amount \$35,000

"This program will go a long way in helping us identify significant cost savings for the school district so that this money can be better spent on our educational and athletic programs."

Juan Nunez, AISD Director of Maintenance

Best Management Practice:

Comprehensive water efficiency audit that identifies cost effective water saving measures and rebate opportunities.

Case Study



Austin
WATER
Clearly Reliable