

2019 LCRA WATER CONSERVATION PLAN

Water Operations Committee Meeting
May 21, 2019



Texas Commission on Environmental Quality Requirement

A Water Conservation Plan is required for:

- Municipal, industrial and non-irrigation water rights more than 1,000 acre-feet
- Irrigation water rights more than 10,000 acre-feet

Goal

- Ongoing, long-term water conserving initiatives

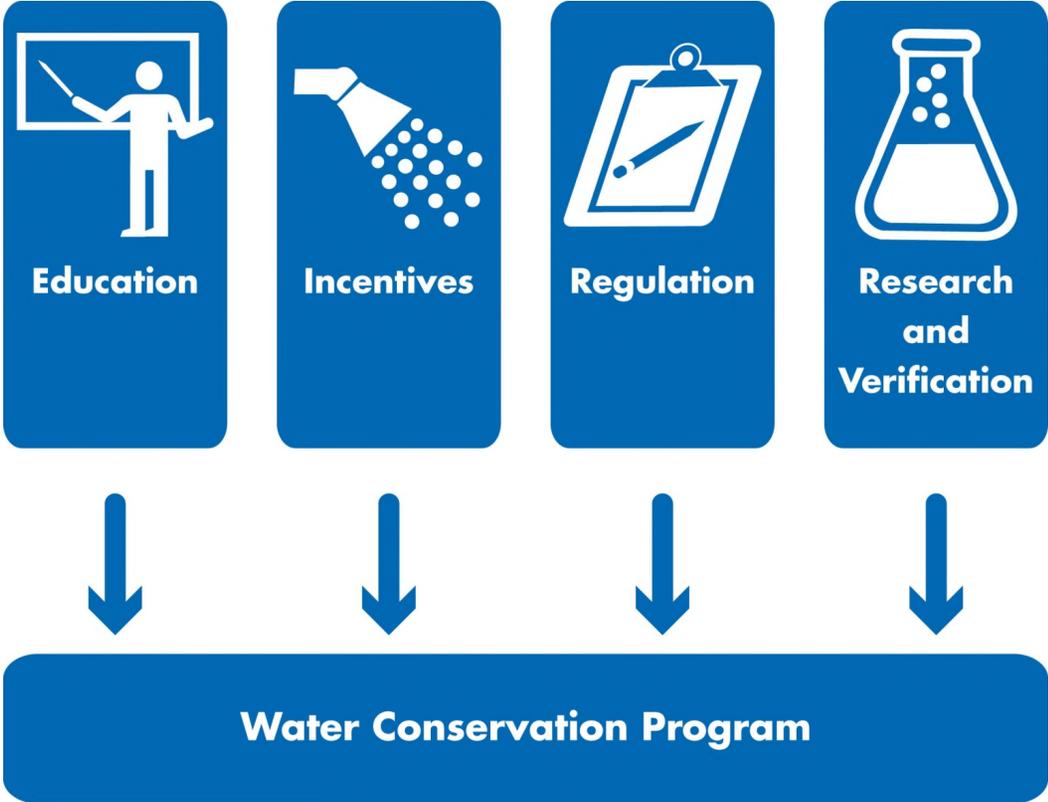
2014 LCRA Water Conservation Plan Goals and Actual Savings (acre-feet)

	2014	2015	2016	2017	2018
LCRA power plants goal	620	600	600	600	600
LCRA power plants actual	648	751	1,260	1,164	1,199
Municipal goal	2,700	3,150	3,600	4,050	4,500
Municipal actual	2,198	2,496	2,720	4,262	4,470
Irrigation operations goal	10,000	10,750	11,500	12,250	13,000
Irrigation operations actual	5,188	5,438	12,200	12,036	13,076
Total goal	13,300	14,500	15,700	16,900	18,100
Total actual	8,034	8,685	16,180	17,462	18,745

2019 LCRA Water Conservation Plan Goals

		Five-year goals	10-year goals
	2018 (2014 plan) (acre-feet)	2023 (acre-feet)	2028 (acre-feet)
LCRA power plants goal	600	700	700
Municipal goal	4,500	6,500	9,000
Irrigation operations goal	13,000	15,000	18,000
Total goal	18,100	22,200	27,700

Firm Water Conservation Strategies



Agricultural Conservation Strategies

- Surcharges to discourage high water use
- Automation and modernization of gates
- Canal lining evaluation
- Precision land leveling

Industrial Conservation Strategies

- Systemwide conservation
 - LCRA PowerHouse™ education program
 - Metering and leak detection
- Plant-specific conservation strategies

Timeline

- Draft plan posted for public comment in April
- Water Conservation Plan before LCRA Board for approval in May
- Submit to TCEQ immediately following LCRA Board approval