

Corpus Christi Regional Water Management Plan Supply and Demand Projections



Corpus Christi Regional Water Management Plan

Supply and Demand Projections

6/4/2014

	Year						
	2010	2015	2020	2025	2030	2040	2050
Water Demands							
City of Corpus Christi - Treated Water ¹	78,592	87,601	96,611	101,472	106,334	113,663	121,224
Celanese	853	1,700	3,800	3,800	3,800	3,800	3,800
Flint Hills Resources	4,240	5,100	5,100	5,100	5,100	5,100	5,100
San Patricio MWD ²	24,903	35,696	50,325	52,097	53,868	57,172	60,164
City of Alice	3,701	3,818	4,192	4,309	4,425	4,643	4,912
City of Beeville	3,372	2,629	2,925	2,952	2,978	2,976	2,961
City of Mathis	696	669	670	673	676	672	679
Future Industrial/Mining/Manufacturing ³	-	13,823	31,716	34,562	36,324	34,019	40,523
Conservation			(5,000)	(10,000)	(15,000)	(20,000)	(20,000)
Total Demands	116,357	151,036	190,339	194,965	198,505	202,045	219,363
Current CCR/LCC/Mary Rhodes Pipeline (Phases 1 & 2) and Proposed Supplies							
Safe Yield Current System	205,000	204,000	203,000	202,400	201,800	200,600	199,400
Mary Rhodes Phase II Project	-	35,000	35,000	35,000	35,000	35,000	35,000
Reuse Projects	-	7,000	16,000	25,000	36,000	40,000	45,000
Desalination	-	-	7,000	20,000	20,000	42,000	42,000
Total Supplies	205,000	246,000	261,000	282,400	292,800	317,600	321,400
Surplus / (Deficit)	88,643	94,964	70,661	87,435	94,295	115,555	102,037

Projections are based on Corpus Christi Estimates and TWDB Projections for 2016 Plan

1. Includes municipal, current industrial, and treated wholesale. Future treated industrial customers are included in the "Future Industrial/Mining/Manufacturing" category.

2. Customers include municipal and industrial. The majority of growth in the projections is a result of several potential industrial customers. SPMWD is contracted with the City for 51,200 ac-ft/year, so projections in the 2025 and beyond would require a change in the contract. SPMWD also takes a negligible quantity of treated water.

3. For Nueces County/Corpus Christi; includes potential treated and/or raw water customers.