



Nueces River Authority FY 13-14 Work Plan

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August 27, 2013





Background

- **NRA has Contracted with the City since 1998**
- **Continues current work being performed around the Coastal Bend**
- **NRA owns 20% of Choke Canyon Reservoir**
- **Past Year Contract Contributions**
 - Completion of the Source Water Protection Plan

2010-11	2011-12	2012-13	2013-14
\$223,110	\$200,000	\$125,000	\$100,000



FY 2013-2014 Work Plan

- **Work Plan Components:**
 - Regional water management
 - Maintenance of Database
 - Lake Level Reporting
 - Pass-through Monitoring
 - Oversight
 - Water Rights
 - Water Quality
 - Environmental Issues
 - Watershed Protection
 - Outreach and Education to the Region

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Choke Canyon / Lake Corpus Christi Reservoir System
Daily Pass-Thru Status Report
Report Date: August 22, 2013

RESERVOIR STATISTICS

Date	Choke Canyon Reservoir			Lake Corpus Christi Reservoir			Combined Reservoir System	
	Elevation (Ft)	Volume (AcFt)	Percent of Capacity	Elevation (Ft)	Volume (AcFt)	Percent of Capacity	Volume (AcFt)	Percent of Capacity
FULL	220.5	695,271	100%	94.0	257,260	100%	952,531	100%
08/22/2012	205.8	373,202	53.7%	77.2	40,878	15.9%	414,080	43.5%
08/22/2013	198.8	258,086	37.1%	80.4	64,126	24.9%	322,212	33.8%

Weather Related Information

Date	Choke Canyon Reservoir			Lake Corpus Christi Reservoir			Combined
	Air Temp (°F)	Evaporation (AcFt)	Rainfall (Inches)	Air Temp (°F)	Evaporation (AcFt)	Rainfall (Inches)	Evaporation (AcFt)
08/21/2013	96	256	0.00	87	114	0.28	370
MTD		7,251	0.02		4,364	0.44	11,615

Data Management

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******Valero diversion added beginning January 2009******
Choke Canyon Reservoir/Lake Corpus Christi Reservoir System /Mary Rhodes Pipeline
Water Usage Summary For July 2013

Reservoir System Summary (Excluding Lake Texana)	Total In	Total Out
Measured Reservoir System Inflow	18,539	
Total M&I Diversions	6,738	
Total Loss from Evaporation	15,846	18,539
Measured Inflow into Nueces Estuary	794	
(Target: 1,200 :: Required Passthru: 1,200)		22,277

Choke Canyon Reservoir	Total In	Total Out
Inflow from San Miguel Creek	19	
Inflow from Frio River	253	
Loss from Evaporation	9,718	272
Diversions to Three Rivers	201	
Diversions to Valero	12	
Releases / Spills	1,785	

Lake Corpus Christi	Total In	Total Out
Inflow from Nueces River	20,052	
Loss from Evaporation	6,128	
Diversions to Alice	410	
Diversions to Beeville	319	20,052
Diversions to Mathis	61	
		13,590

Choke Canyon Reservoir/Lake Corpus Christi Reservoir System /Mary Rhodes Pipeline Water Usage Summaries

Monthly Data Available: January 2001 - Present

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Questions?