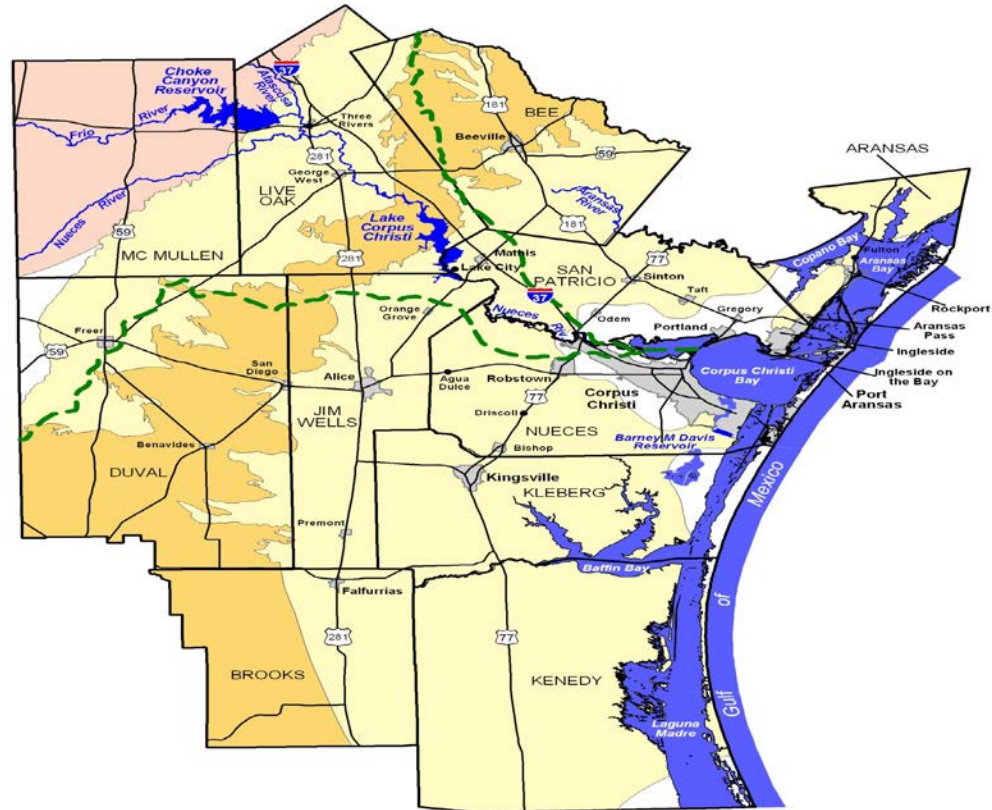
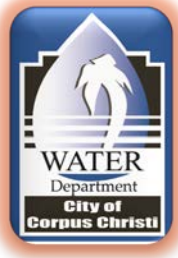




Water Supply Status, Drought Contingency and Conservation Plan



September 11, 2012

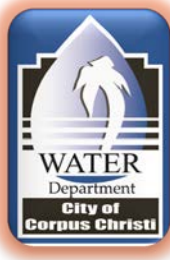


Presentation Outline

- Current Reservoir Levels and projections
- Drought Contingency vs. Conservation
- Drought Contingency Stage II
- Water Management Next Steps

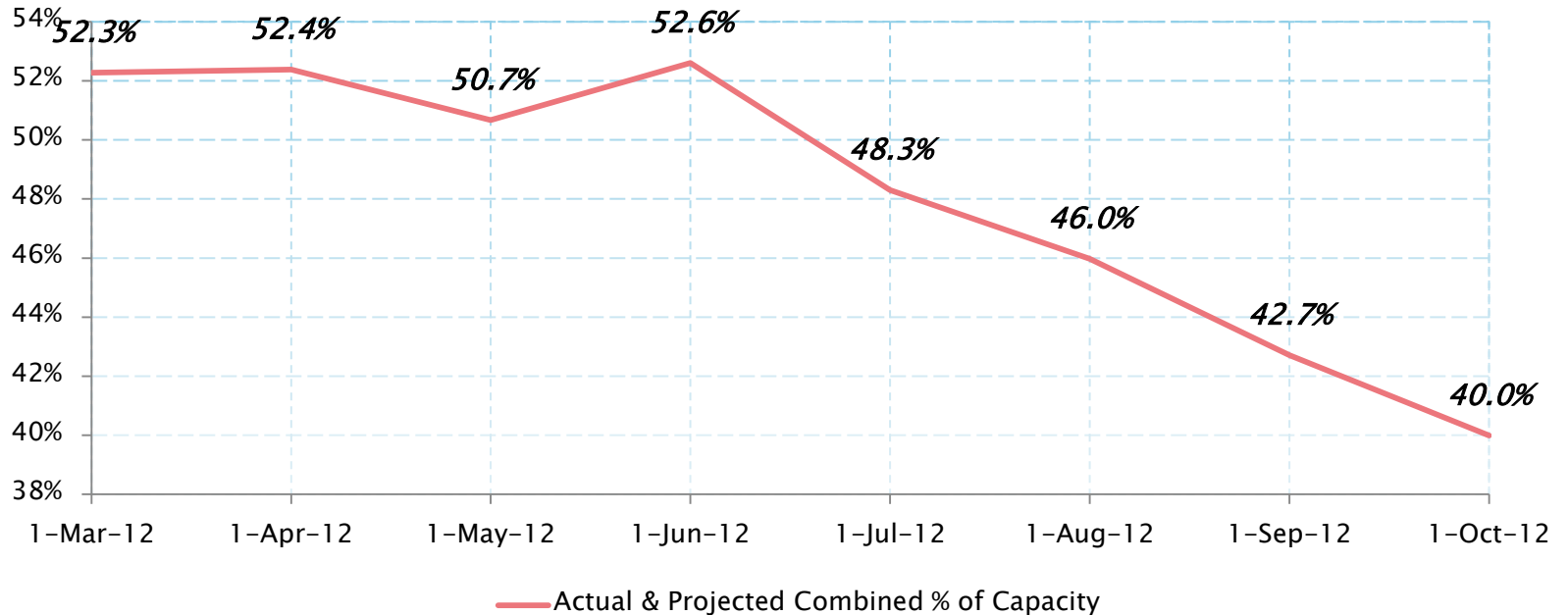
RESERVOIR LEVELS

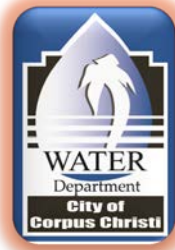
	Choke Canyon Reservoir			Lake Corpus Christi			Combined Reservoir System	
Date	Elevation (Feet)	Volume (Acre Feet)	Percent of Capacity	Elevation (Feet)	Volume (Acre Feet)	Percent of Capacity	Volume (Acre Feet)	Percent of Capacity
FULL	220.5	695,271	100%	94.0	257,260	100%	952,531	100%
09/06/12	205.2	361,736	52.0%	76.9	39,044	15.2%	400,780	42.1%
<p>BASED ON CURRENT CONSUMPTION AND NO RAINFALL, THE CHOKE CANYON/LAKE CORPUS CHRISTI COMBINED RESERVOIR SYSTEM MAY REACH 40 PERCENT BY OCTOBER 2012.</p>								



Water Volume Projections

Actual & Projected Combined Percent of Capacity
as of August 1, 2012
Choke Canyon & Lake Corpus Christi





Drought Management Plan = Temporary Rules

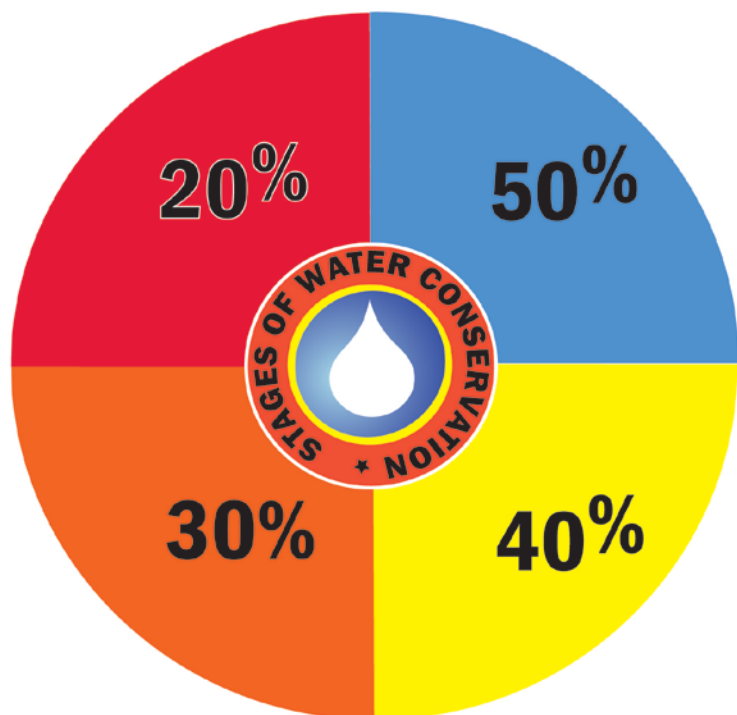
Drought Management is:

- In response to drought to obtain immediate cut-back
- Focused on discretionary usage
- Mandatory “restrictions” at 40% system storage
- Staged to reflect severity of situation
- Often inconvenient for customers
- Temporary

KNOW THE FOUR STAGES OF THE DROUGHT PLAN



The City of Corpus Christi Water Department Drought Contingency was designed to implement water use restrictions during prolonged periods of dry weather conditions and help to reduce water use immediately during emergency situations.



Percentage of Combined Reservoir Level

50% CITY WIDE VOLUNTARY WATER CONSERVATION

- Municipal operations on mandatory conservation

40% COMMUNITY-WIDE MANDATORY CONSERVATION

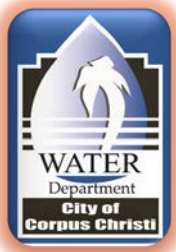
- No lawn or vegetation watering between 10 am to 6 pm
- Large parcels of land must obtain approval for watering plan
- Commercial nurseries must use hand held, drip or sprinkler system to irrigate stock
- Use of wastewater effluent permitted; sign may be posted on property

30% FIVE DAY OUTDOOR WATERING SCHEDULE IN EFFECT

- Irrigation of golf courses permitted at a minimum rate
- Suspend targeted inflows when reservoir below 30% of capacity
- Violations punishable by \$500.00 per day

20% MONTHLY RESIDENTIAL HOUSEHOLD WATER ALLOCATION

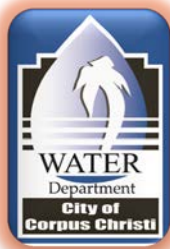
The City's Drought Contingency Plan is based on the combined storage capacity of Choke Canyon Reservoir and Lake Corpus Christi (CCR/LCC). The City will implement drought response measures based on 50 percent, 40 percent, 30 percent and 20 percent storage of CCR/LCC System.



Conservation = Continuous Improvement

Conservation is:

- Set in place to meet long term water management goal
 - 1-2% reduction per year
- Addresses all water end use categories
- Year- Round best management practices
- Measures begin as “voluntary”
- Requires innovation, analysis, evaluation, and change



Customer Program

Equipment Change Vs. Behavior Change

Equipment

- One decision one time on- going month to month savings



Behavior

- Decision to use water or not needs to be made daily



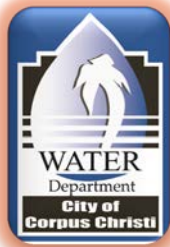


Equipment Change

- Low Flow Toilet Distribution
- High Efficiency Home Appliances
- Irrigation Controllers and Rain Gages

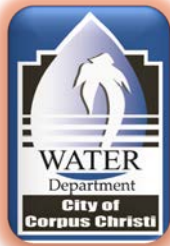
Behavior Change

- Efficient indoor use
- Irrigation best management practices
- Consultations for homeowners and businesses



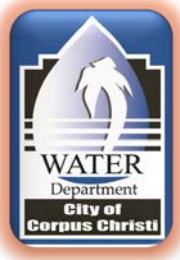
Stage II – 40% Storage Actions

- Public Notice of Stage II designation
- Watering restrictions limited to 6 p.m. – 10 a.m.
- Increase public education awareness for the need to conserve.
- Release public service announcements (PSA) for bringing awareness to the drought.
- Coordinate with Neighborhood Services on Code Enforcement.
- Conduct Irrigation Audits at Parks and Fields
- Measure progress by comparing total demand to last year.



Next Steps

- Developing the Implementation Plan for:
 - Mary Rhodes PH II project
 - Subsequent water supply project
- Transfer “ Water Restrictions” in Drought Contingency to Conservation Measures
- Prepare for Drought Stages II (40%) Storage and III (30%) Storage
- Develop enhanced conservation incentives for large volume commercial business’.



QUESTIONS