



Sustainability Program and Drought Contingency Plan Updates

June 24, 2014



Sustainability Program Mission Statement

The City of Addison will be a leader in responsibly using our finite resources to benefits not only our local community, but our global community and generations to come and will lead in implementing sustainable practices and strategies that enhance and preserve the environment, community integrity, and the local economy.



GOALS

1. To create a comprehensive Sustainability Plan for the city that provides a framework for our sustainability goals and initiatives.
2. To educate residents on the importance of living a sustainable lifestyle
3. To responsibly manage our natural resources through conservation, reuse, reduction or diversion
4. To increase community integrity and involvement from single-family and multi-family residents, businesses, and restaurants



Accomplishments

- Fork and Cork – composted 560lbs. Food waste
- Exhibited at Earth Day Texas
- Contacts made with nearby cities and schools
- Will exhibit at Brookhaven STEM Fair 2014
- Learning Center classes scheduled September 2014
- Increase signage at Kaboom





Multi-Family Recycling Pilot Program

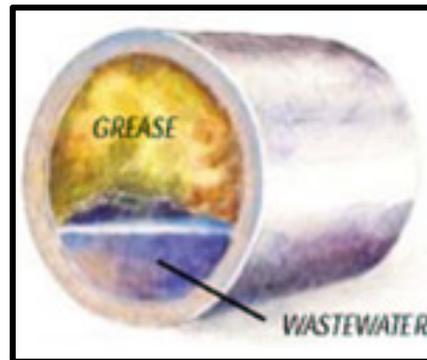
- Propose to begin a 1-year pilot program at Garden Oaks Apartments
- Propose to have City fund the cost of the enclosure, hauling, and recycling educational materials estimated to be \$20,000 total cost for the year
- Goal is to provide council with the information to implement the program city-wide
- Success measured by diversion rate/contamination rate achieved





Cease the Grease

- City of Dallas program
- Offers residents a way to dispose of FOG (Fat, Oils & Grease)
- Hardens and causes sewer pipes to clog
- Drop-off location on the Dallas/Addison border
- Pick-up service provided at no cost to Addison





“What Can I Recycle?” Campaign

Goal: To educate residents on what can be recycled

- Educational materials
 - Flyers
 - Water bill inserts
 - Refrigerator magnets
 - Kiosk ads
- Success measured by recycling percentage increase
- Exhibit booth at fall Town Hall Meeting





Recyclebank

- In conjunction with Waste Management
- Points earned for recycling
- Redeemable for gift cards at local and national businesses
- Program cost about \$.39 per household



* Only available in select communities

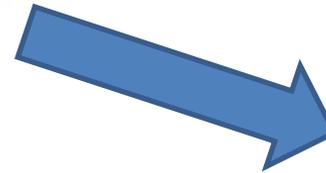


Increase Recycling Carts Size

- Many residents request larger bins
- Slightly larger footprint (18 gal – 64 gal)
- Can be rolled to curb
- \$2-3 increase in monthly cost per home
- Projected to increase tons recycled by 40%



18 gallon
16"x25.75x14.75"



64 gallon
24"x27.5"x40.24"

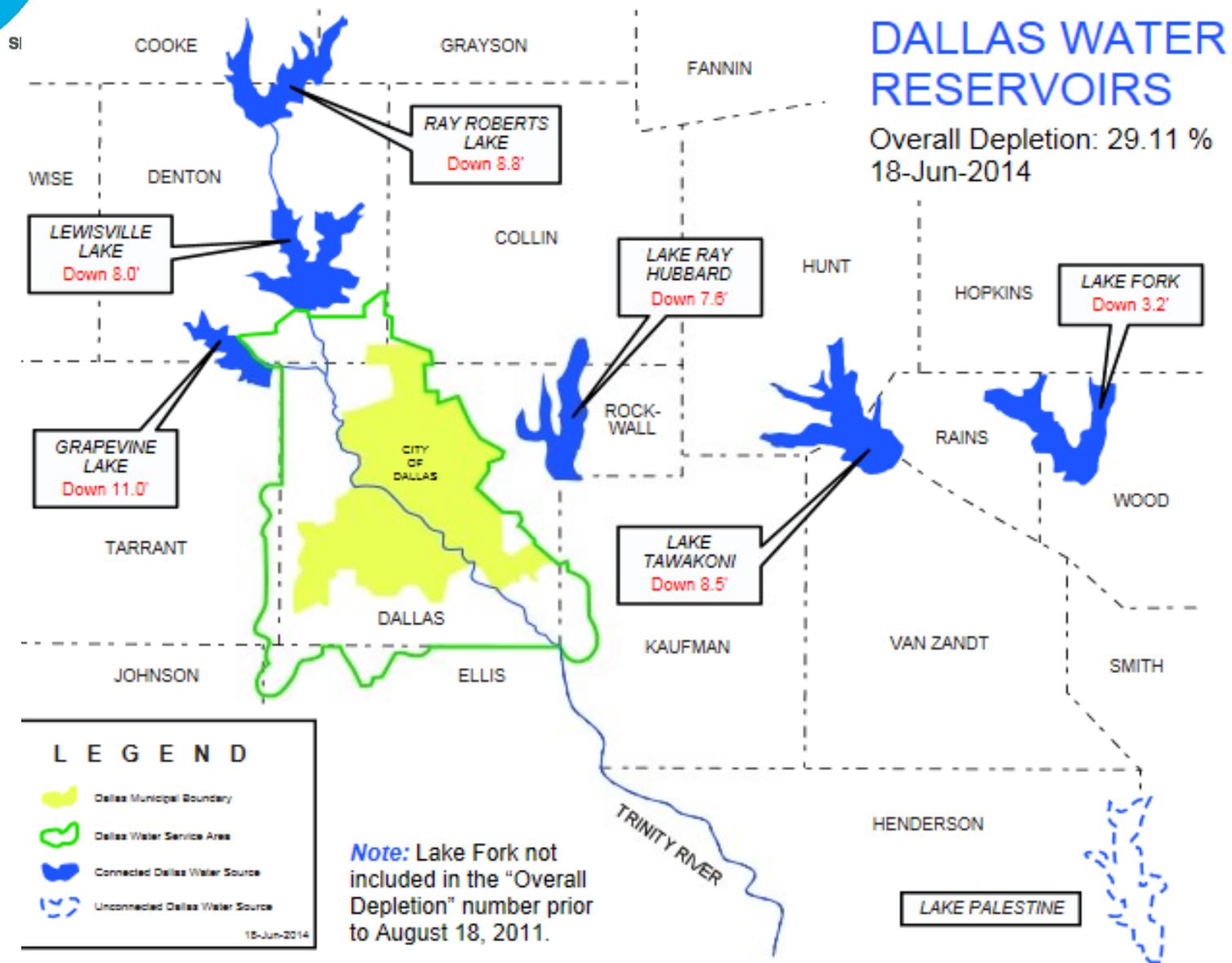


Moving forward

- Staff would like to move forward with:
 - Multi-Family Recycling Pilot Program
 - “What Can I Recycle?” educational advertising campaign
 - Make arrangements with City of Dallas to participate in the “Cease the Grease” program
 - Contact commercial property owners to find location for grease bin



Where do we get our water?





Drought Contingency Plans

- Purpose

- Conserve available water supply in times of drought and emergency water supply shortages
- Reaction to shortage in raw water supplies, excessive demand, or reduced distribution capacity
- Short-term measures to preserve water supply
- Separate from long-term, strategic water conservation measures to reduce behavioral and use patterns

- Uniqueness

- DCP's are different depending on the area, sources of water, and current issues that are being faced.
- Plan should be based on the municipalities access to the water supply



Addison's Ordinance - Stages

- **Stage 1 – Voluntary conservation – Current stage**
 - Limit watering to hours of 8 p.m. to 9:00 a.m.
 - Accelerate leak detection
 - Reduce Town landscape watering
- **Stage 2 – Twice weekly watering**
 - Based on last digit of address
 - Enforcement action begins
- **Stage 3 – Hand watering only**
 - On established day
- **Stage 4 – Prohibit all landscape watering**
 - Prohibit vehicle washing
- **Stage 5 – Emergency shortage**
 - Short term reduction to prevent public health emergencies



Communication Plan

- Customer's water bills
- Town of Addison's website
- Social Media (Facebook and Twitter)
- E-blasts
- Mayor's Newsletter
- Door hangers and other handouts
- Signage
- In an emergency situation we could potentially use CODE RED and/or direct call the major consumers



QUESTIONS?