

RECEIVED

QUALITY OF LIFE & ENVIRONMENT COMMITTEE
DALLAS CITY COUNCIL COMMITTEE AGENDA

2015 SEP 24 PM 3: 22

CITY SECRETARY
DALLAS, TEXAS

MONDAY, SEPTEMBER 28, 2015
CITY HALL
COUNCIL BRIEFING ROOM, 6ES
1500 MARILLA
DALLAS, TEXAS 75201
9:00 A.M. – 10:30 A.M.

Chair, Councilmember Sandy Greyson
Vice-Chair, Councilmember Tiffinni A. Young
Councilmember Rickey D. Callahan
Councilmember Mark Clayton
Councilmember Philip T. Kingston
Councilmember B. Adam McGough

Call to Order

1. Approval of September 14, 2015 Minutes

BRIEFINGS

2. Small Cell & Distributed Antenna Systems License Agreements with the City of Dallas
Rick Galceran, P.E.
Director, Public Works
3. Clean Fleet Vehicle Policy
Errick Thompson
Director, Equipment & Building Services
4. Mayor's Summer Youth Fitness Initiative (MyFi) Update
Willis Winters
Director, Park and Recreation

Adjourn



Sandy Greyson, Chair
Quality of Life & Environment Committee

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. Contemplated or pending litigation, or matters where legal advice is requested of the City Attorney. Section 551.071 of the Texas Open Meetings Act.
2. The purchase, exchange, lease or value of real property, if the deliberation in an open meeting would have a detrimental effect on the position of the City in negotiations with a third person. Section 551.072 of the Texas Open Meetings Act.
3. A contract for a prospective gift or donation to the City, if the deliberation in an open meeting would have a detrimental effect on the position of the City in negotiations with a third person. Section 551.073 of the Texas Open Meetings Act.
4. Personnel matters involving the appointment, employment, evaluation, reassignment, duties, discipline or dismissal of a public officer or employee or to hear a complaint against an officer or employee. Section 551.074 of the Texas Open Meetings Act.

A quorum of the City Council may attend this Council Committee meeting

5. The deployment, or specific occasions for implementation of security personnel or devices. Section 551.076 of the Texas Open Meetings Act.
6. Deliberations regarding economic development negotiations. Section 551.087 of the Texas Open Meetings Act.

Quality of Life & Environment Committee Meeting Record

DRAFT

Meeting Date: September 14, 2015 **Convened:** 9:05 a.m. **Adjourned:** 11:03 a.m.

Members Present:

Sandy Greyson (Chair)
Tiffinni A. Young (Vice-Chair)
Rickey D. Callahan
Mark Clayton
Philip T. Kingston
B. Adam McGough

Members Absent:

Council Members Present:

Monica R. Alonzo
Carolyn King Arnold
Scott Griggs
Casey Thomas

Briefing Presenters

Willis Winters
Director, Park & Recreation

Kris Sweckard
Director, Code Compliance
Services

Jody Jones
Program Manager, Dallas
Animal Services

Guests:

Max W. Wells, President, Park and Recreation Board; Barbara Barbee, Park and Recreation Board; Lawrence Jones, Park and Recreation Board; Mark Hatchel, Kimley-Horn.

Staff Present:

Joey Zapata, Willis Winters, Kris Sweckard, Jody Jones, Pat Marsolais, Dawna Brown, Errick Thompson, Bill Finch, Tammy Palomino, Art Hudman, Michael Hellmann, John Jenkins, Daniel Huerta, Christine Lanners, Molly Carroll, Yasmine Barnes, Chief David Brown, Louise Elam, Robin Steinshnider, Peter Bratt, Eric Izuora

AGENDA:

1. Approval of August 24, 2015 Minutes

Presenter(s):

A motion was made to approve the minutes of August 24, 2015.

Action Taken/Committee Recommendation(s): Approve minute record of August 24, 2015.

Motion made by: B. Adam McGough

Motion seconded by: Mark Clayton

Item passed unanimously:

Item passed on a divided

Item failed unanimously:

Item failed on a divided vote:

2. Aquatics Master Plan

Presenter(s): Willis Winters

Information Only

This briefing provided the committee a history of Dallas aquatics; information on existing pools in the Dallas park system; findings for the 2012 Aquatics Facilities Master Plan; a scope of work for, and a discussion of data and preliminary recommendations from the Aquatics Facilities Master Plan 2015 Update; and sought feedback on the preliminary findings.

Park & Recreation will return to the committee in October with the results of public input meetings.

Action Taken/Committee Recommendation(s):

Motion made by:

Motion seconded by:

Item passed unanimously:

Item passed on a divided vote:

Item failed unanimously:

Item failed on a divided vote:

3. Dallas Animal Services Action Plan

Presenter(s): Kris Sweckard & Jody Jones

Information Only

This briefing provided the committee an outline of a plan to improve loose dog enforcement in the City.

Council members requested metrics and goals for loose dog enforcement.

The Chair requested that the committee be updated on the Action Plan in October 2015.

Action Taken/Committee Recommendation(s):

Motion made by:

Motion seconded by:

Item passed unanimously:

Item passed on a divided vote:

Item failed unanimously:

Item failed on a divided vote:

4. Climate Extreme Conference

Presenter(s): Sandy Greyson

Information Only

A memo was provided for this item that announced the Climate Extreme Conference to be held at Southern Methodist University on Thursday, September 17, 2015.

CM Kingston requested to know from staff why a City of Dallas facility was not used for the event.

Action Taken/Committee

Recommendation(s):

Motion made by:

Motion seconded by:

Item passed unanimously:

Item passed on a divided vote:

Item failed unanimously:

Item failed on a divided vote:

5. Upcoming Agenda Items

Presenter(s):

Information Only

The committee voted to recommend the following agenda items on the September 22, 2015 Council Agenda:

- a) Agenda Item: Authorize a contract for pavement improvements at various locations for the Park and Recreation Department - APAC-Texas, Inc., lowest responsible bidder of two - Not to exceed \$4,165,683 - Financing: Current Funds (\$2,000,000), Park and Recreation Program Funds (\$750,000), Golf Improvement Funds (\$500,000) and Fair Park Improvement Funds (\$915,683)
- b) Agenda Item: Authorize the purchase of a five-year service agreement and extended warranty for the Toro Site Pro irrigation system central computer and components at Cedar Crest Golf Course from The Toro Company dba Toro NSN, sole source provider - Total not to exceed \$7,789 - Financing: Current Funds
- c) Agenda Item: Authorize Supplemental Agreement No. 1 to the professional services contract with GME Consulting Services, Inc. for services to include construction materials observation and testing, laboratory and field testing of earthwork and concrete stabilization along with other miscellaneous items for the Briscoe Carpenter Livestock Center in Fair Park located at 1419 South Washington Street - Not to exceed \$127,312, from \$48,303 to \$175,615 - Financing: 2003 Bond Funds (\$60,001) and 2006 Bond Funds (\$67,311)

Action Taken/Committee

Recommendation for approval.

Recommendation(s):

Motion made by: B. Adam McGough

Motion seconded by: Rickey D. Callahan

Item passed unanimously:

Item passed on a divided vote:

Item failed unanimously:

Item failed on a divided vote:

Councilmember Sandy Greyson
Chair

Memorandum



CITY OF DALLAS

DATE September 25, 2015

Honorable Members of the Quality of Life & Environment Committee: Sandy Greyson (Chair),
TO Tiffinni A. Young (Vice Chair), Rickey D. Callahan, Mark Clayton, Philip T. Kingston, B. Adam McGough

SUBJECT **Small Cell & Distributed Antenna Systems License Agreements with the City of Dallas Briefing**

On Monday, September 28, 2015, the Quality of Life and Environment Committee will be briefed on Small Cell & Distributed Antenna Systems License Agreements with the City of Dallas. The briefing materials are attached for your review.

Please feel free to contact me if you have questions or need additional information.

A handwritten signature in blue ink that reads "Jill Jordan".

Jill A. Jordan P.E.,
Assistant City Manager

Attachment

c: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager

Eric D. Campbell, Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council

Small Cell & Distributed Antenna Systems License Agreements with the City of Dallas

Quality of Life and Environment Committee
September 28, 2015



Presented by
PBW, SDC, CAO



Purpose

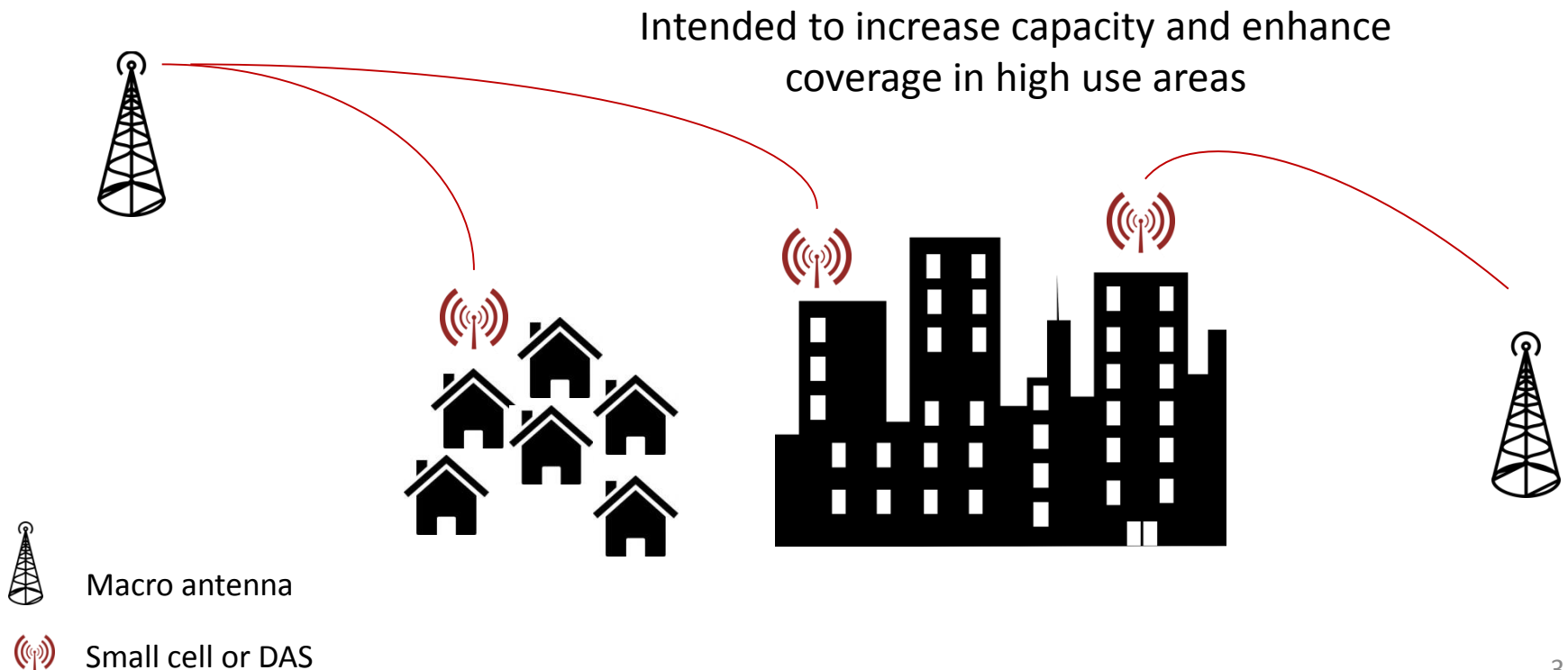
Establish a policy for the installation of Small Cell & Distributed Antenna Systems (DAS) within the City's right-of-ways

- Develop Installation guidelines
 - Types of installations
 - Allowable locations
 - Aesthetics
- Establish terms for the policy
 - Permit fee (initial one time)
 - Right-of-way usage fee (renewable yearly)

This is about the rental of public property – its not about zoning

What is Small Cell and DAS?

Mobile phone voice and data relays placed strategically to add capacity, increase data speeds and enhance area coverage



Small Cell vs. DAS

Small Cell Antennas

- Placed by wireless service providers like Verizon Wireless and AT&T Mobile
- Facilities are not shared with other providers (but may soon change)
- Can result in more antenna installations to serve the same geographic area because of duplication of facilities

Distributed Antenna Systems

- Placed by “Carrier’s Carrier” like Crown Castle who does not directly serve the public, but instead sells their services to the wireless service providers
- A single DAS installation is equipped to serve multiple service providers and their customers

Where Are Small Cell Antennas and DAS Placed?

- They can be placed in multiple locations:
 - Power poles
 - Buildings and Facilities
 - Street and pedestrian light poles
 - Traffic signals



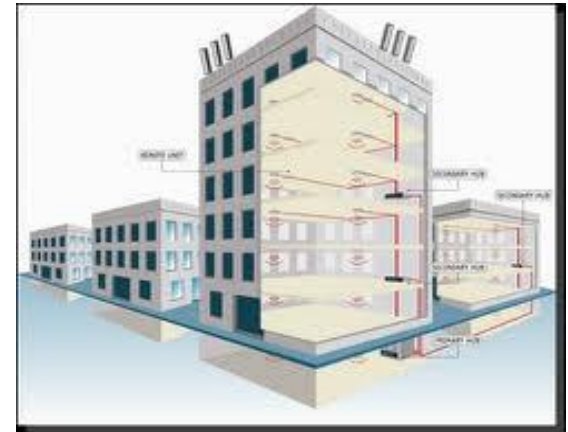
Why Now ?

- Recent increase in requests by private companies for the placement of small cell and antennas in the public right-of-ways
- No formal policies exists for handling these requests and are currently being handled on a case by case basis

How Does This Affect Us?

Requests are being made to place small cell antennas & DAS on City's right-of-ways, structures and facilities such as:

- City Traffic Signals
- Street Light Poles
- City Facilities
- Along Sidewalks



Current Status

- Each site is assessed a \$750 standard application fee
- Physical site placement considerations are handled on a case by case basis
- Since July 15, 2015, all new applicants have been informed of a new \$1,000/year license fee (allowed by code for use of right of way). This is in addition to the one time standard application fee of \$750
- There is a backlog of 121 pending permits with an additional 600 coming soon

The City Needs to Establish a Policy

Established policy brings consistency to all requestors and allows them to plan their networks

Considerations for a Policy

- Considerations for what the small cell or DAS installation should look like:
 - Size
 - Shape
 - Intrusive



Considerations for a Policy

- Considerations for where the small cell antennas can be placed:
 - Aesthetically appropriate
 - Consistent with environment
 - Not obstructive to pedestrians
 - Not visually obstructive to vehicular traffic
 - Not interfering with ADA standards



Policy Considerations Covered

- Treatment and locations for ground-mounted components
- Placement, size and color of obstruction and protrusions
- Number, spacing, location, placement and dimensions of pole-mounted components
- Plans and drawings requirements
- Local, State and Federal requirements
- City's process attaining permits
- Agreement requirements with private facilities
- Maintenance and removal requirements

* Detailed staff policy recommendations can be found in the attached appendix

Considerations for a Policy

- **Appropriate Fees:**
 - One time initial standard application fees to be used to recover the cost of processing the application for a license
 - Annual use of right-of-way fee to recover the market value rent for the use of public property by a private entity
 - Duration of license – annual revocable license

Staff Recommended Fees per Installation

- Keep the initial standard application fee of \$750 the same
- Increase the license fee for use of right-of-way to \$2,500/year
- Use current antenna rates on city facilities and structures
(considers type of facility/structure and its location such as facilities in the CBD)

Other Cities use of Right-of-Way License Fees

San Antonio \$1,500/year per installation

Phoenix \$3,000/year per installation

Houston \$2,500/year per installation(not finalized)

San Jose \$3,000/ year

(based upon a consultant's report of fees that included San Francisco, New York, and Phoenix)

*** Study was made for right-of-way use license fees. Initial standard application fees vary per city**

Staff Request

- Seeking Council concurrence on:
 - Keeping the currently applied standard permit application fee of \$750
 - Charging \$2,500/year for use of right-of-way license fee for the installation of Small Cell & Distributed Antenna Systems within the City's right-of-ways
- Seeking Council concurrence on the staff recommended policy for the installation guidelines for Small Cell & Distributed Antenna Systems within the City's right-of-ways
 - * Detailed staff policy recommendations can be found in the attached appendix
- Seeking Council concurrence to amend the license ordinance for the installation of Small Cell & Distributed Antenna Systems within the City's right-of-ways

Further Considerations

- Digital infrastructure access to the internet is as critical today as the delivery of electricity, clean water and transportation
- Dallas' future must include the delivery of high-speed, high-quality and affordable Internet to all who live, work and visit in Dallas
- We are seeking to have all of Dallas' neighborhoods with high quality access to advanced communications networks, allowing residents and businesses to take full advantage of Internet capabilities

Project Linking Dallas

- The City (CIS) is working to prepare a Request for Participants (RFP) to identify one or more providers to commit to deploying advanced wireline and wireless networks for providing high-speed broadband services to all or parts of residences and businesses
- The RFP will make available many of the City's assets—real estate, traffic light poles, communication towers, streetlights, stormwater pipes to connect broadband so that providers can accelerate connecting Dallas
- Advantages:
 - Minimizing or eliminate the use of the City's tax dollars toward network development
 - Full control of installations and their appearance within the City's right-of-ways
 - Emphasis for installation in historically underserved areas

Next Steps

- Receive Committee input
- Draft an ordinance and seek Committee approval
- Schedule ordinance for City Council adoption by November

Questions & Comments

Appendix

Installation Policy Recommendations

- A Right-of-Way License Agreement must be obtained from the City of Dallas Sustainable Development and Construction Real Estate Division for each location. This will ensure the obtainment of a Right-of-Way Permit through the Public Works Department. Prior to any work occurring in the right-of-way, any electrical work will require a building permit and inspection from the City of Dallas Sustainable Development and Construction Building Inspection Division. Each installation will require inspection by the Public Works Department and (if electrical work is required) the Building Inspection Division
- Provide detailed engineering drawings for components and show all existing facilities [above ground for all & underground if any ground mounted equipment is proposed]. All components required for the facility must be included in the detailed plans and dimensions must be shown for all components and clearances

Installation Policy Recommendations

- Ground mounted components, in areas of high traffic volumes (pedestrian, vehicular, etc.) will be considered only if they are placed underground. If it is not possible to place them underground, they will have to be located above ground as described above. In addition installations must comply with all other federal and state statutes and local ordinances and regulations of the City such as electrical codes, minimum sidewalk standards, and visibility regulations
- All facilities must comply with current Texas Department of Licensing and Regulation and Americans with Disabilities Act requirements and must not create a visibility or accessibility issue as finally configured. Assure that facility components do not obstruct any traffic signage or signals
- All components must be positioned as to ensure that all intersection and driveway visibility requirements are achieved

Installation Policy Recommendations

- Provide agreement letters from facility owners that any components of the system will connect to or be mounted on. Provide a letter of agreement that states that all components will be maintained in conformance with current requirements, will be relocated to accommodate City infrastructure improvements, and will be removed if taken out of service or at the expiration of the license agreement
- External view must provide an “enclosed” look free of protrusions and colored to “blend” into the existing area for all components of the facility. Each unit must have identifying marks to identify the owner and a unique number to identify the unit. These must be as non-intrusive as possible, while still being able to be easily read from the ground
- The maximum dimension measured for the pole-mounted components of the unit shall not exceed 20-inches wide and 40-inches tall

Installation Policy Recommendations

- Pole mounted components must be at least 16' above ground level. Electrical meter bases can be less than 16' above the ground (must comply with Electrical Codes), but must be positioned as not to encroach into a walkway or ADA Path. The grounding rod and connection point must be configured to assure that it does not encroach into a walkway or ADA Path, nor shall it pose a tripping hazard
- Pole-mounted components must not encumber more than $\frac{1}{2}$ the circumference of the pole at any location on the pole and only one antenna installation shall be permitted on any pole
- Damaged or deteriorated components must be corrected within 48 hours of notification. If units are taken out of service, the components must be removed within 5 business days of being taken out of service

Memorandum



CITY OF DALLAS

DATE September 25, 2015

TO Honorable Members of the Quality of Life & Environment Committee: Sandy Greyson (Chair),
Tiffinni A. Young (Vice Chair), Rickey D. Callahan, Mark Clayton, Philip T. Kingston, B. Adam McGough

SUBJECT **Clean Fleet Vehicle Policy**

On Monday, September 28, 2015, the Quality of Life and Environment Committee will be briefed on Clean Fleet Policy. The briefing materials are attached for your review.

Please feel free to contact me if you have questions or need additional information.

A handwritten signature in blue ink that reads "Jill A. Jordan".

Jill A. Jordan P.E.,
Assistant City Manager

Attachment

c Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
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Clean Fleet Vehicle Policy

Quality of Life &
Environment Committee
September 28, 2015



Outline

- **Equipment and Building Services Overview**
- **Clean Fleet Policy**
 - Original Regional Policy
 - Revised Regional Policy
 - Dallas Implementation and Compliance
- **Grant Funding**
 - Recent Grant Awards
 - Current Grant Funding Opportunity
- **Recommendations**
- **Next Steps**



Equipment and Building Services Overview

*Equipment and Building Services is committed to providing effective and efficient facility and fleet services to City employees as they **Build, Innovate, and Give** to make Dallas a great place to live, work, and play.*



Equipment and Building Services Overview

Facility Management

- Building Security
- Custodial Services
 - Janitorial
 - Pest Control
 - Window Washing
- Major Maintenance and Repair
 - 750 City Facilities
 - Electrical
 - Carpentry
 - HVAC
 - Plumbing
 - Roofing
- Parking
 - City Hall
 - Oak Cliff Municipal Center

Fleet Management

- Asset Management
- Auction/Disposal
- Auto Body Collision Repair
- Maintenance and Repair
- Motor Pool Program
 - In-House Rentals
 - Outside Rentals
- Parts Inventory

Business Operations

- Energy Management
 - Citywide Electricity Program
 - Renewable Energy Credits
- Financial Management
 - Accounts Payable
 - Contract Administration
 - Procurement
- Fuel Operations
 - Bulk fuel delivery to 94 City locations
 - Infrastructure management for eight City fuel islands
- Management Systems
 - Environmental Management
 - Quality Management
 - Occupational Health & Safety Management
 - Stormwater Interceptor Program & Power Washing
- Technology





Source: epa.gov/smartway

Equipment and Building Services: Fleet Management



Fleet Management Overview

- ~5,300 units of general fleet*
- 5 repair facilities (Central, SE, SW, NE, and NW)
- 145,000 – 152,000 maintenance and repair jobs completed per year
- \$8m in parts transactions per year



**General fleet does not include:*

- *Fire emergency equipment*
- *Landfill operations equipment*
- *Other department-owned equipment (e.g., Park and Recreation grounds maintenance equipment, DPD tactical units, DWU specialty equipment, etc.)*



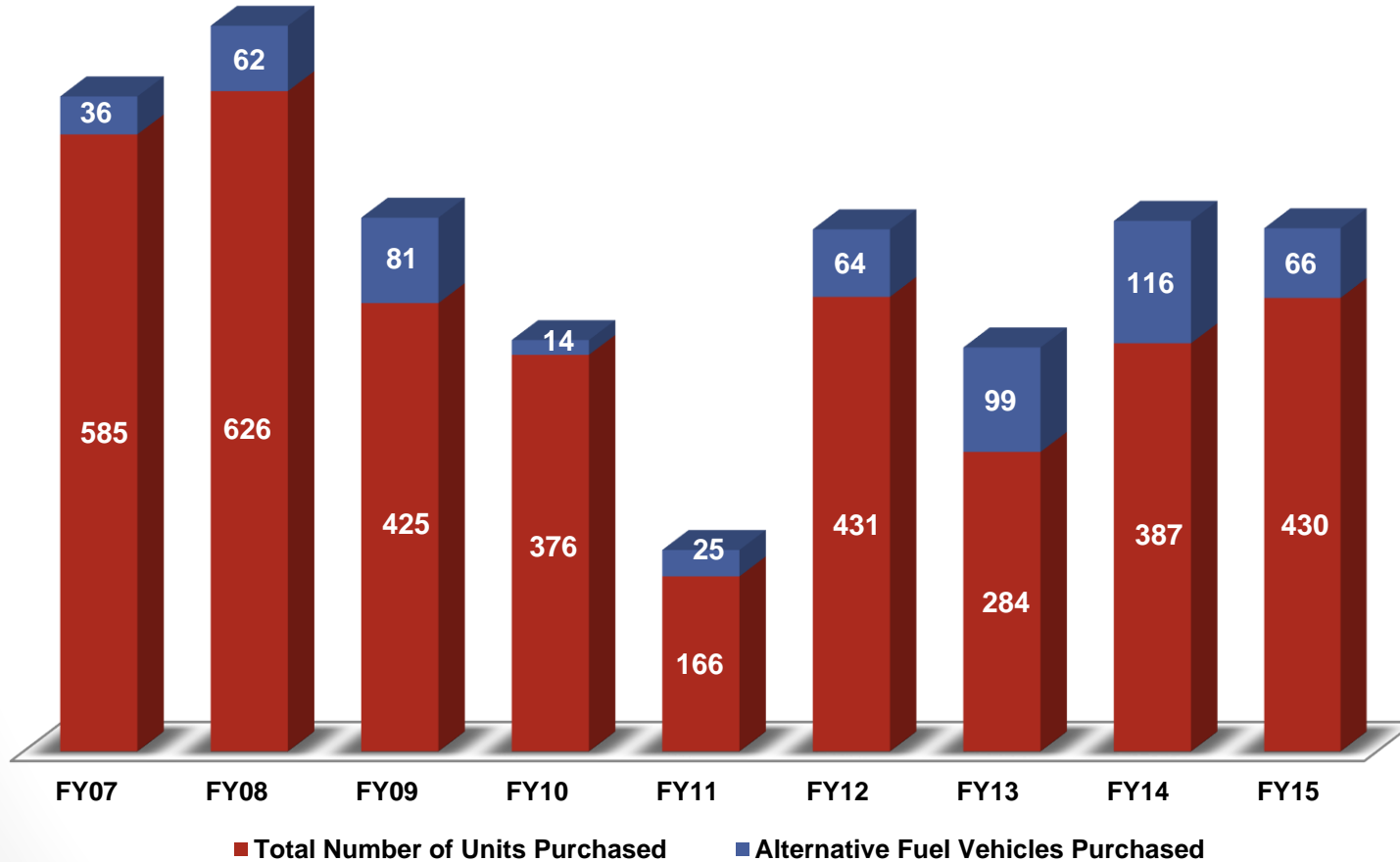
Fleet Management: Large and Diverse General Fleet

General Vehicle Type	Quantity	Alternative Fuel Vehicles (AFVs)
Marked squads	1,023	--
Refuse/Recycling	245	204
Dump Trucks	326	166
Construction Equipment/Trailers	401	116
Sedans*	911*	473*
Light Trucks/Vans	1,803	737
SUVs	137	4
Medium Duty Trucks	61	23
Other	376	226
TOTAL	5,283	1,946

**Includes non-patrol DPD sedans*



Recent General Fleet Purchases



Specification and Procurement

Make Ready Process

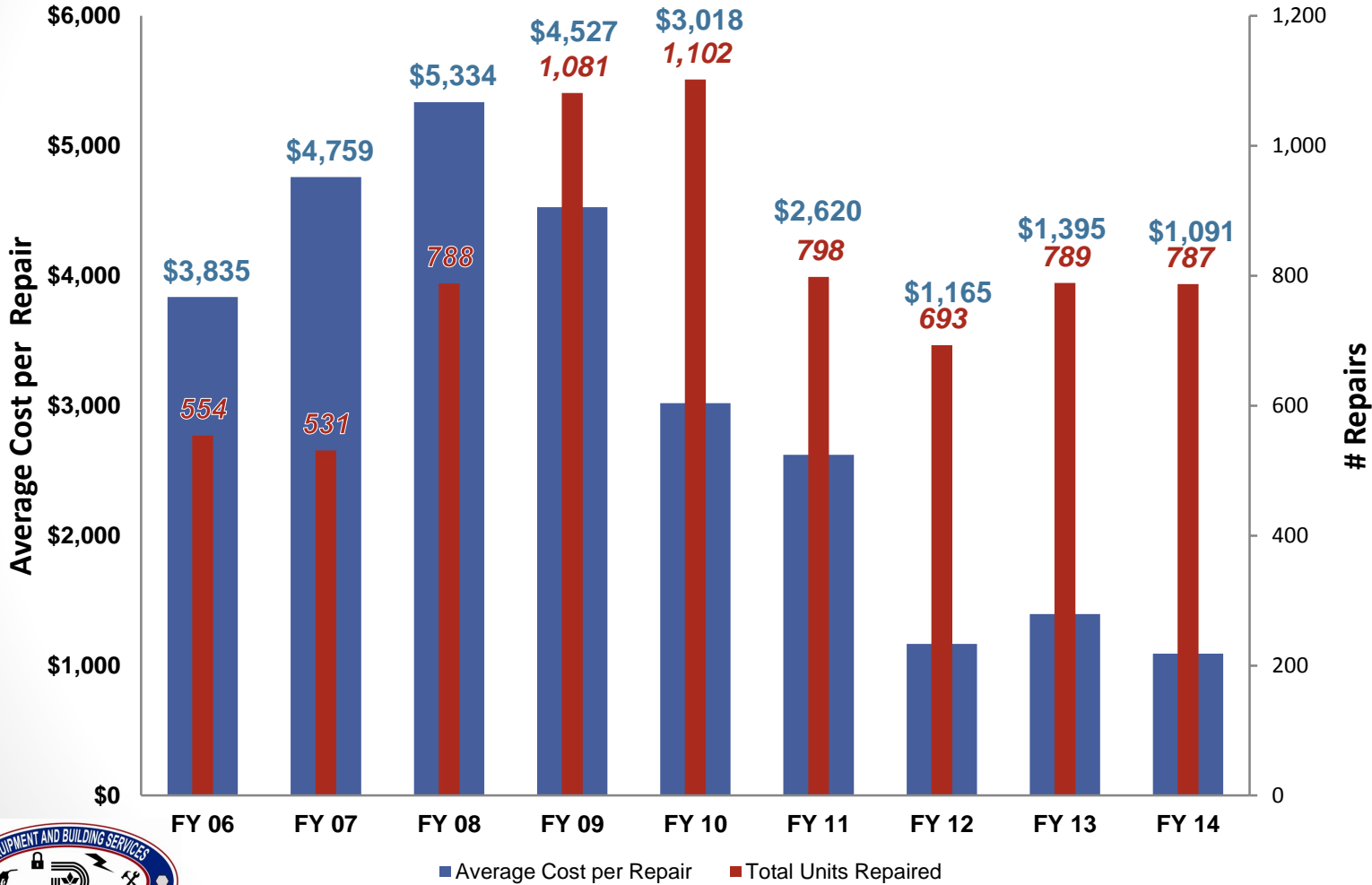
- Titles, registration, etc.
- Specialty equipment, City fueling system installation, and decals (in coordination with CIS for mobile technology equipment)



Fleet Management: Auto Body Collision

Staff manages the current three year contract for paint, body and frame damage repair

Body Shop Historical Repairs and Average Costs



Fleet Management: Motor Pool Program Overview

- Began as a pilot program for City employees in 2013 to:
 - Support downsizing the fleet by encouraging vehicle sharing
 - Reduce volume of outside rentals where appropriate
- Includes an email reservation system
- Expanded from 15 vehicles in FY13 to 24 in FY15
- Anticipate expanding to at least 43 vehicles in FY16 based on customer demand





Source: epa.gov/smartway

CLEAN FLEET POLICY



Original Regional Clean Fleet Policy: Background

- North Central Texas Council of Governments (NCTCOG) Regional Transportation Council (RTC) adopted the original Regional Clean Fleet Vehicle Policy (Policy) in October 2005
- Council adopted the Regional Policy on January 25, 2006
- Policy was air quality focused and included a recommendation to reserve future Clean Vehicle funding and support for local governments that adopted and complied with the policy



Original Regional Clean Fleet Policy: Background

Included requirements or guidance in four primary focus areas

✓ Acquisition

- Encouraged fleet expansion / replacement with newest model year vehicles available
- Encouraged replacements for 2003 and older vehicles to show at least a 25% reduction in NOx emissions
- Encouraged aftermarket technology and conversion or fleet expansion and replacement

✓ Operational Policies

- Encouraged limiting vehicle idling (safety, emergency, maintenance, warm-up only)
- Suggested refueling time of day / seasonal restrictions
- Encouraged air quality appropriate operational training

✓ Maintenance

- Emphasized annual emission and safety inspections for all vehicles
- Encouraged increased inspections for vehicles with 100k miles or more

✓ Compliance Verification

- Annual electronic update of fleet size and activity
- Ineligibility for clean vehicle funding if the policy was not adopted or reporting requirements were unmet



Revised Regional Policy

- U.S. Environmental Protection Agency (EPA) re-confirmed North Central Texas as a nonattainment area in 2012
- Four main sources of ozone-causing emissions include **on- and off-road vehicles**, point sources (e.g., industrial boilers), and area sources like agriculture
- State Implementation Plan (SIP), or air quality plan, is required demonstrate ozone level reductions
- DFW SIP includes programs to retire older model vehicles, enhance vehicle technology, and implement education programs
- NCTCOG Regional Policy revisions incorporate:
 - Advances in fleet technology and regulations
 - Updated regional air quality goals
 - Private sector fleet engagement

See appendix for additional details



Revised Regional Policy

The Fleet Representative Working Group within the RTC held meetings between October 2013 and October 2014 to update the 2005 Policy

The working group consisted of participants from:

City of Allen

City of Burleson

City of Coppell

City of Dallas

DART

City of Denton

DFW International Airport

City of Fort Worth

Frito-Lay North America

HT Bar, Inc.

City of Richardson

Southeastern Freight Lines

City of Southlake

Tarrant County

UT Southwestern Medical Center

City of Wylie



Revised Regional Policy

The following slides provide examples of how Dallas has been and is supporting the objectives of the original and revised Regional Clean Fleet Policies



Revised Regional Policy: Implementation/Compliance

- ✓ Emissions Reduction
 - ✓ Implementation of an idling-reduction/standard operating procedure
 - ✓ Enhanced Technology Options (e.g. GPS/telematics)

- Council adopted an anti-idling ordinance in November 2012



- City continues to expand the use of GPS and telematics including tracking idling

Main Report

Vehicle Usage Generated on 9/18/2015 12:02 PM C

Page 1

Group: Collection (302 Vehicles) | Vehicle: 013018 | Timeframe: Thu 9/17/2015 12:00 AM - Thu 9/17/2015 11:59 PM

Vehicle Name	Miles Traveled	Engine Time (HH:MM:SS)	Idle Time (HH:MM:SS)
Org3512			
013018	44.9	7:51:32	4:37:15



Revised Regional Policy: Implementation/Compliance

✓ Emissions Reduction (cont.)

August 14, 2002, Council authorized a ten-year contract (with two optional five year terms) to allow TranStar Energy Company (Clean Energy) to build, maintain and operate two publicly-accessible CNG stations on City property

- Dawson Street and Denton Drive
- City receives \$0.03/Gasoline Gallon Equivalent (GGE) for public sales (~\$1,200/month – used to offset fuel service costs)
- Contract renewed for first five-year option on August 8, 2012



Dawson Street location



Revised Regional Policy: Implementation/Compliance

✓ Emissions Reduction (cont.)

March 10, 2010, Council authorized a three-year, \$5.4m master agreement to purchase CNG from Clean Energy

- City vehicles can use any Clean Energy station citywide
- Pricing based on Houston Ship Channel price of natural gas plus a compression fee (changes annually based on the Consumer Price Index) plus applicable taxes
- Master Agreement extended four times with a current expiration of April 1, 2016 (procurement to begin this fall)



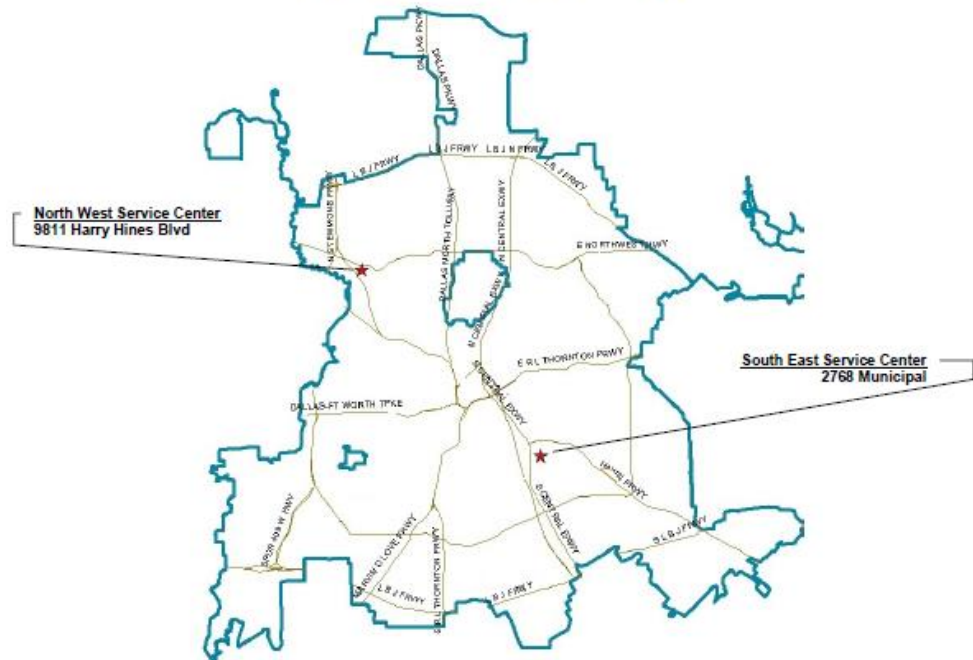
Revised Regional Policy: Implementation/Compliance

✓ Emissions Reduction (cont.)

On February 9, 2011, Council authorized a three-year \$2.6m contract with Clean Energy to construct and maintain two CNG Stations

- 67% grant-funded through an American Recovery and Reinvestment (ARRA) NCTCOG Clean Cities Petroleum Reduction Technology pass-through and Department of Energy award
- 2768 Carlton Garrett
- 9811 Harry Hines

City of Dallas CNG Stations



Revised Regional Policy: Implementation/Compliance

✓ Emissions Reduction (cont.)

Time Fill: Designed to fill up to 26 vehicles concurrently over 12 hours (average vehicle tank size of 60 GGE)



Revised Regional Policy: Implementation/Compliance

✓ Emissions Reduction (cont.)

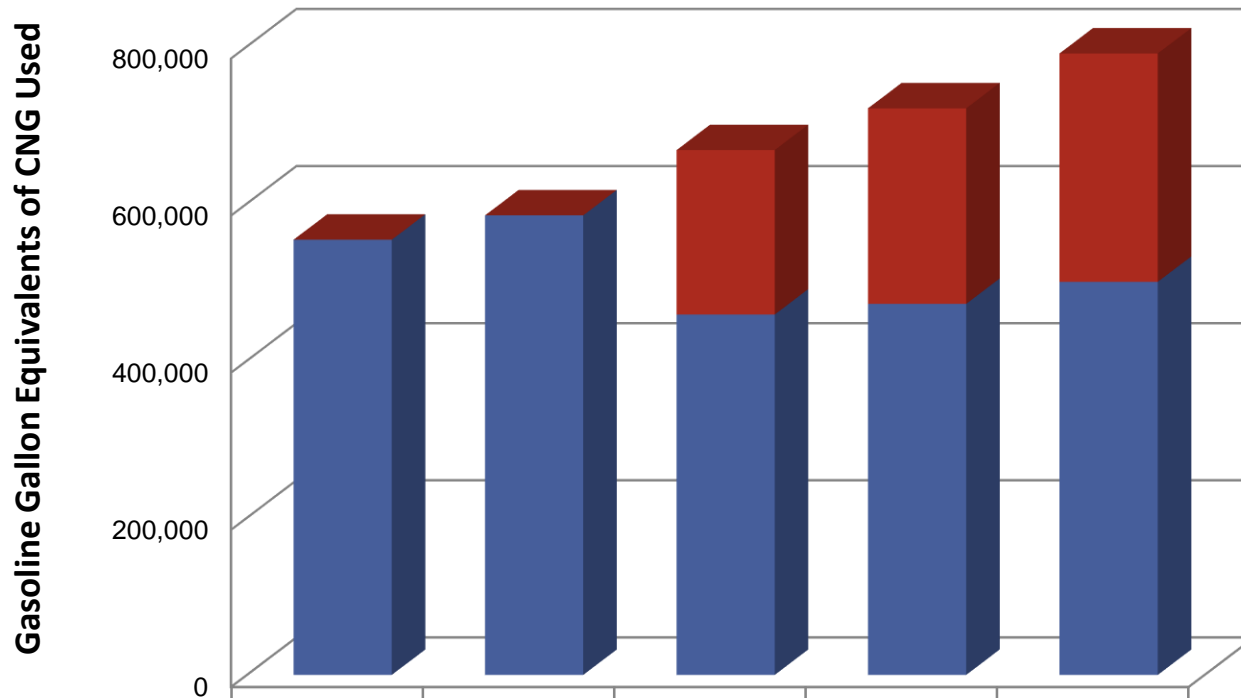
Fast Fill: Capable of filling a single 15 GGE tank in under 5 minutes (Carlton Garrett location)



Revised Regional Policy: Implementation/Compliance

✓ Emissions Reduction (cont.)

Compressed Natural Gas Use



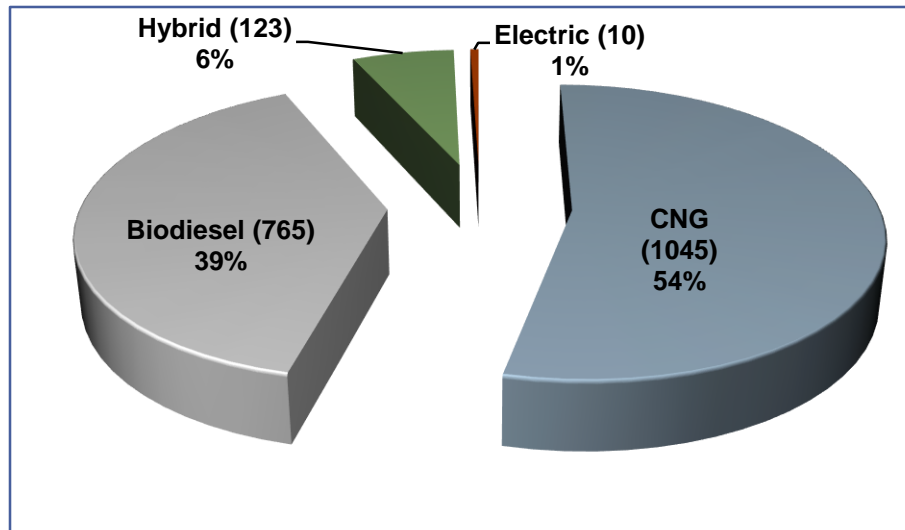
	FY11	FY12	FY13	FY14	FY15
■ CNG from City Stations	0	0	209,293	248,884	290,651
■ CNG from Clean Energy Stations	553,945	584,951	458,709	472,279	500,353

Revised Regional Policy: Implementation/Compliance

- ✓ **Fuel Consumption Reduction: Acquisition of low emission vehicles/equipment (e.g., AFVs and SmartWaySM certified)**

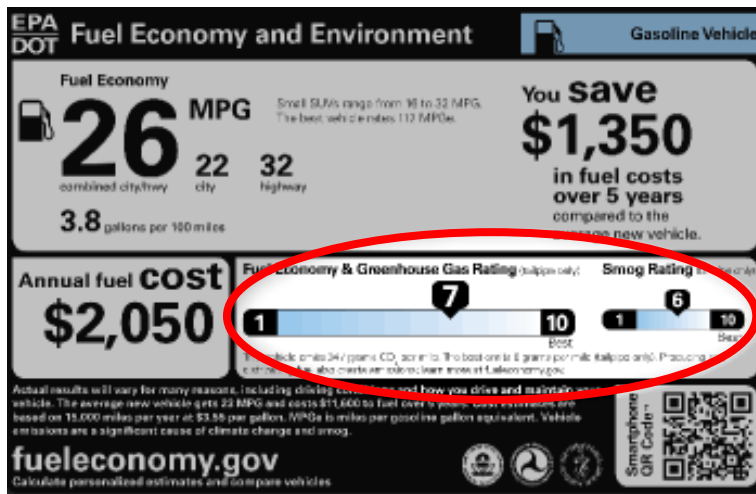
Dallas was an early adopter of AFVs and has nearly 2,000 in the general fleet

- Invested in CNG vehicles in early 1990s
- Added hybrid-electrics to the fleet in 2001
- Began using biodiesel in 2007
- Invested in full-electric vehicles in 2009



Revised Regional Policy: Implementation/Compliance

- ✓ Fuel Consumption Reduction: Acquisition of low emission vehicles/equipment (e.g., AFVs and SmartWaySM certified) (cont.)



- EBS began looking at U.S. EPA's SmartWaySM vehicle certification for light duty vehicles in 2014
- Certification is based on both greenhouse gas and smog ratings
- Program's goal is to certify the cleanest 20% of vehicles by category

- Program provides a complimentary tool to the City's tracking of AFV percentage

Recommendation: adopt the use of the SmartWaySM Vehicle Certification in addition to the AFV Percentage of Fleet objective

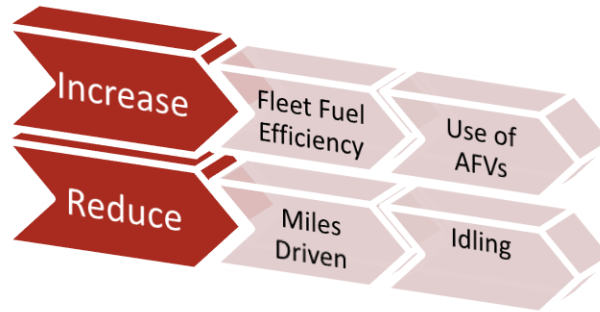


Revised Regional Policy: Implementation/Compliance

✓ Fuel Consumption Reduction (cont.)

Fuel Use Objective and Target

- Reduce consumption of traditional fuels (unleaded and diesel) by 10% by September 2017 (baseline year of FY12-13)



- FY12-13 baseline = 4.8m gallons
- Cumulative and projected reductions

<u>Year</u>	<u>Consumption Reduction</u>
FY13-14	2.29%
FY14-15	4.19% (projected)
FY15-16	5.95% (projected)



On track to meet 2017 target of 10% reduction

Revised Regional Policy: Implementation/Compliance

✓ Fuel Consumption Reduction (cont.)

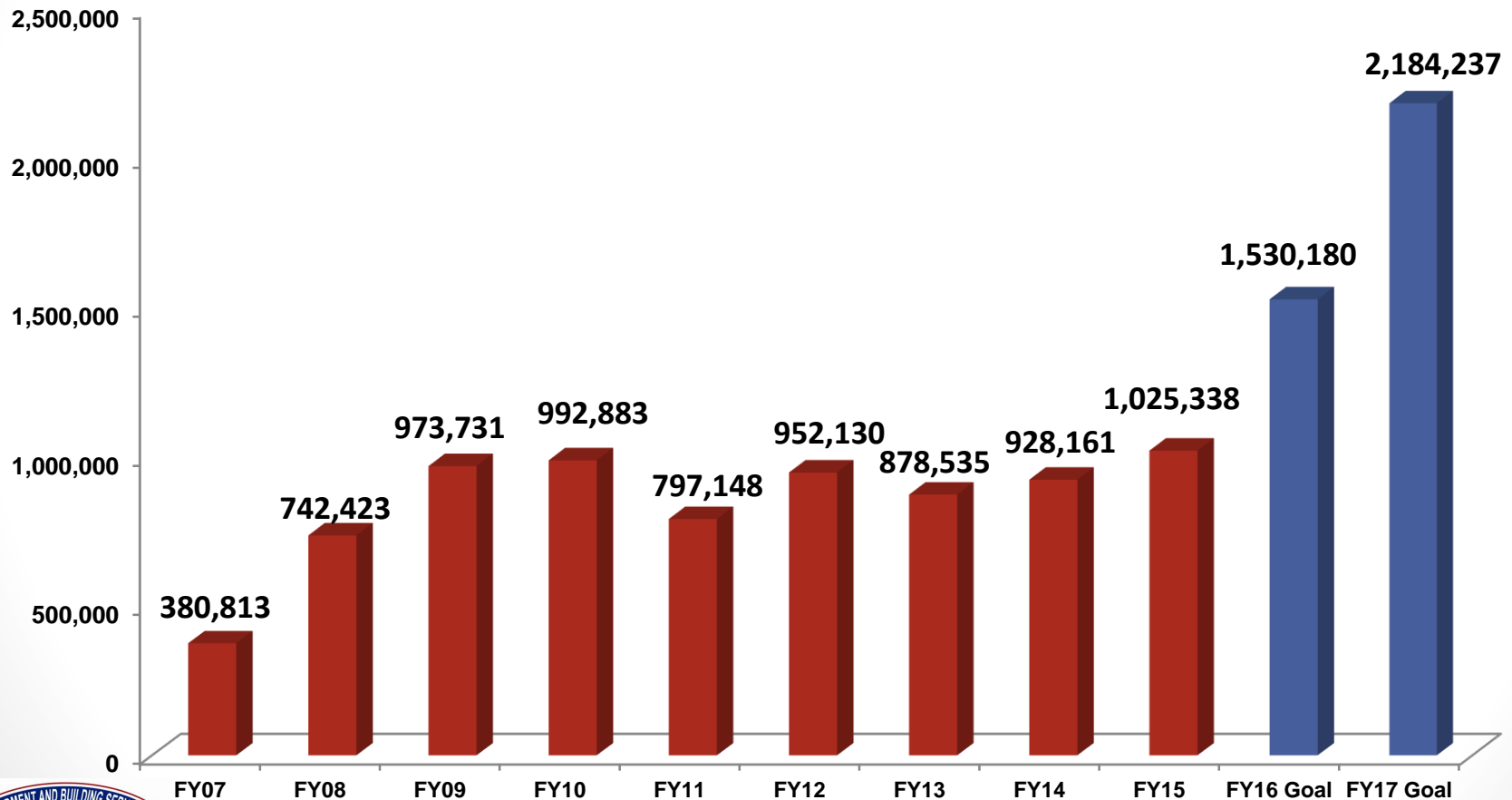
- Biodiesel is an alternative fuel formulated exclusively for diesel engines and typically produced from vegetable oil or animal fat
- The City uses a blended product of pure 100 % biodiesel (vegetable oil based) and regular diesel fuel
 - B10 – Blend of 10% pure biodiesel and 90% regular diesel (used during winter months)
 - B20 – Blend of 20% pure biodiesel and 80% regular diesel (used during summer months)



Revised Regional Policy: Implementation/Compliance

✓ Fuel Consumption Reduction (cont.)

Biodiesel Use (gallons)



Revised Regional Policy: Implementation/Compliance

✓ **Partnership: Maintain active membership in DFW Clean Cities Coalition (DFWCCC)**

- Dallas maintains active participation in the DFWCCC
- Dallas plays an important role in revising the policy through RTC membership



Dallas-Fort Worth
CLEAN CITIES

Revised Regional Policy: Implementation/Compliance

✓ Partnership: Recent Events

- National Drive Electric Week – heightens awareness of today’s availability of plug-in vehicles (sponsored by NCTCOG/Dallas Ft. Worth Clean Cities Coalition)
- Dallas Green Fest – encourages Alternative Transportation, Energy Sources, Recycling and Composting & Sustainable Living (sponsored by Earth Day Texas, Green Dallas, Dallas Farmer’s Market and Downtown Dallas, Inc.)
- ACT Annual Clean Fleet Expo – promotes key fueling, equipment, technology, and policy advancements driving the future of sustainable transportation

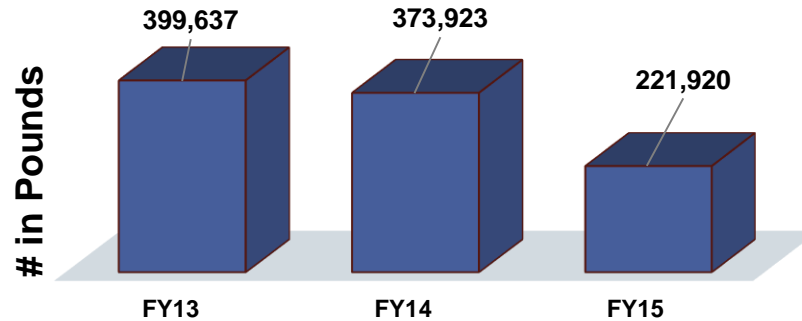


Revised Regional Policy: Implementation/Compliance

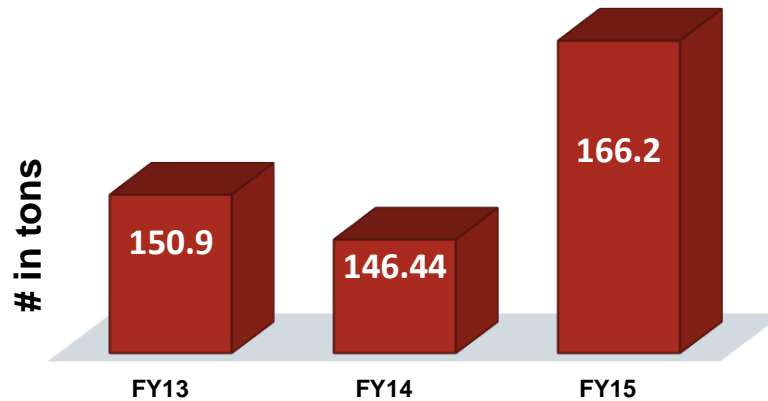
✓ Partnership: Minimizing Waste

Recycling Efforts: Fleet Management continues to partner with local recycling vendors specializing in used parts and fluids

SCRAP METAL RECYCLED

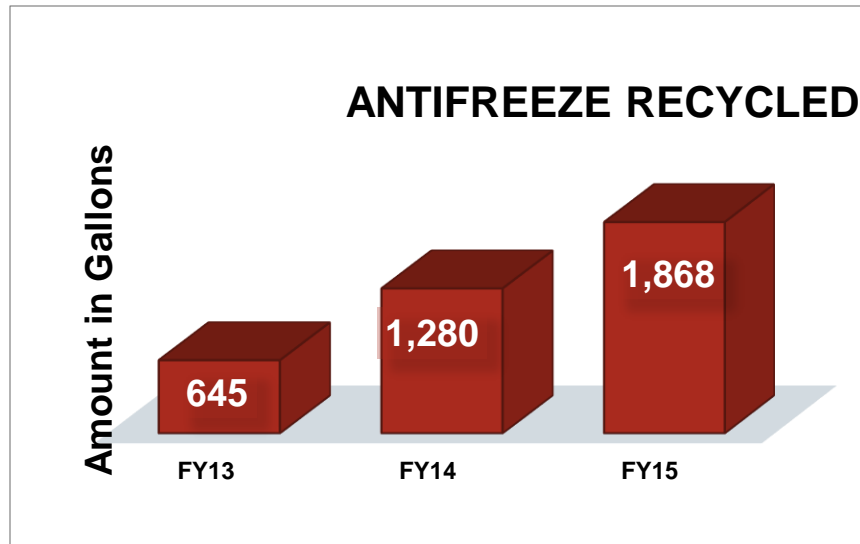
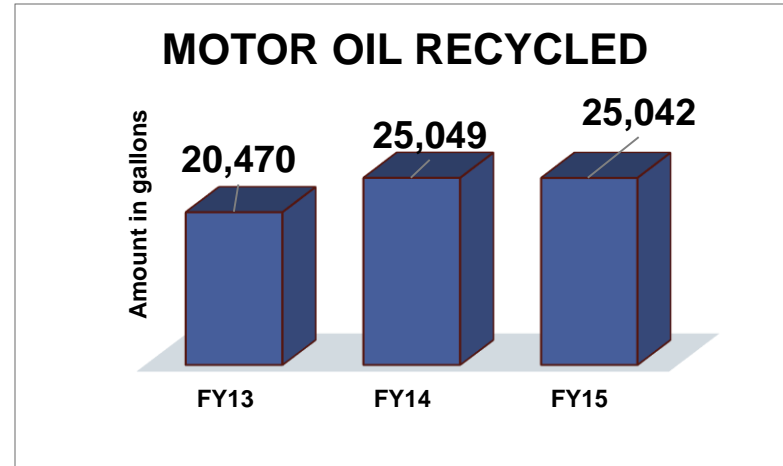
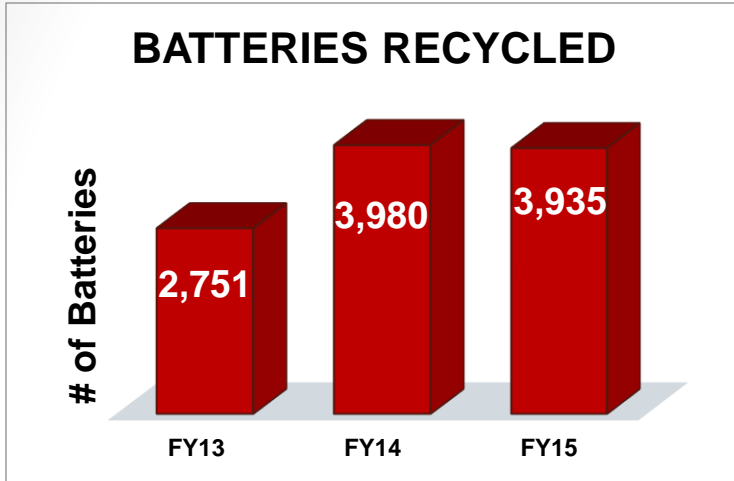


SCRAP TIRES RECYCLED



Revised Regional Policy: Implementation/Compliance

✓ Partnership: Minimizing Waste (cont.)



Revised Regional Policy: Implementation/Compliance

- ✓ Training: Provide in-house training or attend NCTCOG fleet training and increase air quality and fuel conservation awareness of fleet personnel and fuel users

- Implemented fuel conservation messaging at EBS fuel islands



- Implemented alternative fuel vehicle maintenance, repair, and safety training program for EBS mechanics



Revised Regional Policy: Implementation/Compliance

✓ Compliance Verification

- ✓ Annual electronic update of fleet size and activity
- ✓ Cities are required to adopt and meet reporting requirements of the policy to be eligible for grant funding

- EBS staff submits annual compliance reporting
- Developed an emissions inventory tool to facilitate in compiling data for DFW Clean Cities Coalition annual reporting
- Finalizing baseline of the general fleet's emissions

Staff recommends City adoption of the updated Regional Clean Fleet Policy (October 14, 2015 Council Agenda) - eligibility for future grant funding through NCTCOG is contingent on adoption





Source: epa.gov/smartway

GRANT FUNDING

Grant Funding Opportunities

- City staff actively seeks grant funding to support progress towards idle and emissions reduction objectives
- Funding applications have been submitted and approved through the Texas Emissions Reduction Plan (TERP) administered by the Texas Commission on Environmental Quality (TCEQ)
 - Texas Natural Gas Vehicle Grant Program (TNGVGP)
 - Provides grants for the replacement and repower of heavy-duty and medium-duty diesel vehicles
 - Provides grant for the replacement and repower of compressed natural gas (CNG) and liquefied natural gas (LNG) heavy-duty and medium-duty vehicles and engines
 - Texas Clean Fleet Program (TCFP)

Provides grants to replace heavy-duty and light-duty on-road diesel vehicles with alternative fuel and hybrid vehicles



Grant Funding Opportunities (cont.)

Grant Program	Vehicles Type in Application	Cost Per Unit	City of Dallas Acquisition Cost	Grant Reimbursement
Texas Natural Gas Vehicle	Eight CNG Peterbilt – Model 320	\$186,759	\$1,494,072	\$240,000
	Two CNG Peterbilt – Model 382	\$284,511	\$569,022	\$60,000
Texas Natural Gas Vehicle	13 Peterbilt – Model 382 (CNG)	\$136,837	\$1,778,888	\$ 487,500
Texas Clean Fleet	Sixty-five CNG Ford F-150s	\$ 30,872	\$2,006,680	\$ 162,500
TOTAL			\$5,848,662	\$ 950,000

The October 14, 2015 Council Agenda includes an item for accepting these three grants valued at \$950,000 from the Texas Commission on Environmental Quality



Current Grant Opportunity

- NCTCOG has \$2.5m available through the Clean Fleets North Texas Air Quality Grant Program targeting ground level ozone formation – applications are due October 23, 2015
- Cities are required to adopt the regional policy in order to be eligible for NCTCOG clean fleet grants
- Program funds up to 80% of the vehicle's incremental cost
 - 90% of the \$2.5m is being designated for light-duty electric vehicles
 - 10% is focused on pre-2004 model heavy-duty trucks
- Anticipate applying for funding for at least five heavy-duty trucks and five electric vehicles

The October 14, 2015 Council Agenda includes an item for applying for this grant program





Source: epa.gov/smartway

RECOMMENDATIONS

Recommendations

Recommend approval of the following three items on the October 14, 2015 City Council Agenda:

- Adopt the revised Clean Fleet Policy
- Approval and acceptance of \$950k in TCEQ grant reimbursements
- Approve application submission to NCTCOG for the Clean Fleets North Texas 2015 Call for Projects due October 23, 2015





Source: epa.gov/smartway

NEXT STEPS

Next Steps: Big Picture



Increase the use of biodiesel over the next two fiscal years



Establish a new EMS Objective and Target based on the SmartWaySM Vehicle Certification in addition to the AFV model



Establish additional EMS Objectives and Targets based on waste reduction / recycling efforts

APPENDIX



CLEAN FLEET POLICY

WHEREAS, the North Central Texas Council of Governments (NCTCOG) has been designated as the Metropolitan Planning Organization (MPO) for the Dallas-Fort Worth (DFW) Metropolitan Area by the Governor of Texas and in accordance with federal law; and,

WHEREAS, the Regional Transportation Council (RTC), comprised primarily of local elected officials, is the regional transportation policy body associated with NCTCOG and has been and continues to be the regional forum for cooperative decisions on transportation; and,

WHEREAS, NCTCOG has been designated as a Clean Cities Coalition for the DFW region by the US Department of Energy in accordance with federal law and the NCTCOG Executive Board authorized NCTCOG to serve as the host organization for the DFW Clean Cities (DFWCC) Coalition and its efforts; and,

WHEREAS, the U.S. Environmental Protection Agency (EPA) has designated the DFW area as a nonattainment area for the pollutant ozone, and air quality impacts the public health of the entire region; and,

WHEREAS, emissions inventories from the Texas Commission on Environmental Quality (TCEQ) indicate that in 2012, approximately 76 percent of the nitrogen oxides (NO_x) emissions and 25 percent of the volatile organic compounds (VOC) emissions in the DFW ozone nonattainment area are attributable to mobile sources; and,

WHEREAS, the RTC is responsible for transportation conformity; and the Clean Air Act Amendments of 1990 require that transportation plans and improvement programs in air quality nonattainment areas conform to the adopted State Implementation Plan (SIP); and,

WHEREAS, the RTC has adopted a resolution supporting the adoption and implementation of a Clean Fleet Policy by organizations with fleet operations in the DFW area; and reserves all future vehicle funding for entities that adopt and comply with a policy consistent with the provisions outlined below,

WHEREAS, the <adopting entity> will set goals and provide workable, cost-effective solutions to improve air quality and reduce petroleum consumption in the DFW area, and implement those measures as practicable.

NOW, THEREFORE, BE IT HEREBY RESOLVED:

Section 1. <adopting entity> **will reduce emissions from fleet activities by performing the following actions as practicable:**

- 1.1** Implement an idle-reduction policy/standard operating procedure (SOP) that applies to all of the entity's vehicles and equipment, except where exempted as determined by <adopting entity>; communicate idle-reduction expectations to staff, vendors and visitors; and utilize idle-reduction technology.
- 1.2** Maximize use of vehicles and equipment with the lowest emissions wherever possible.

- 1.3 Ensure all conversions are EPA and/or California Air Resources Board (CARB) certified; ensure that aftermarket technologies are EPA and/or CARB verified, or are listed as an emerging technology by the EPA or a state environmental agency; and both conversions and aftermarket technologies are compatible with Texas Low Emission Diesel Program (TxLED) requirements.
- 1.4 Establish a plan to modify non-essential fleet activities on high ozone days to reduce air quality impacts.
- 1.5 Implement vehicle and equipment disposal strategies which minimize negative impacts on air quality.
- 1.6 Implement vehicle and equipment emissions inspection practices which meet or surpass the standards required by statute, including prompt resolution of any illuminated malfunction indicator lamp (MIL).

Section 2.

<adopting entity> **will reduce overall fuel consumption, particularly the use of conventional petroleum fuels, by performing the following actions as practicable:**

- 2.1 Pursue low-emission vehicles and equipment for acquisition, with an emphasis on alternative fuel, advanced technology, and/or SmartwaySM certified vehicles and equipment.
- 2.2 Improve overall fleet fuel efficiency.
- 2.3 Establish practices to reduce vehicle miles traveled, passenger miles traveled, engine hours, and/or ton miles traveled, as appropriate.

Section 3.

<adopting entity> **will partner with the NCTCOG and DFWCC by performing the following actions as practicable:**

- 3.1 Maintain membership and active participation in DFWCC and submit timely Clean Fleet Policy reporting.
- 3.2 Evaluate and consider participation in programs to test/commercialize/demonstrate new technologies to improve efficiency, reduce emissions, and/or increase fuel efficiency.
- 3.3 Pursue activities which support peer fleets' efforts to implement fuel- or emissions-reducing activities by sharing and maximizing resources.
- 3.4 Encourage fleet activities which minimize water, solid waste, or other environmental impacts of fleet activities, as appropriate.

Section 4.

<adopting entity> **will ensure drivers/operators and fleet personnel are familiar with air quality and petroleum reduction goals by performing the following actions as practicable:**

- 4.1 Provide in-house training and/or attending training administered by NCTCOG for fleet personnel and other staff involved in fleet decisions to review policy elements and provide recommendations for achieving objectives.
- 4.2 Consider other mechanisms to increase understanding and awareness among fleet personnel and others.

<adopting entity> acknowledges that adoption of the Clean Fleet Policy, adoption of an idle reduction policy/SOP as outlined in section 1.1, submittal of both policies, and submittal of Clean Fleet Policy reporting is required to be eligible for future clean fleet funding from the RTC, and may be considered when determining other funding actions. The extent of Clean Fleet Policy implementation, as documented through reporting, will also be a factor in receiving DFWCC fleet recognition.

[Following additional example statement to be included as applicable for adopting entity:]
This policy shall be in effect immediately upon its adoption and replaces the prior Clean Fleet Vehicle Policy of the adopting entity.

I hereby certify that this policy was adopted by the <adopting entity> on <date of adoption>, _____.

Signature

Printed Name

Title

Adopting Entity

Memorandum



CITY OF DALLAS

DATE September 25, 2015
TO Honorable Members of the Quality of Life & Environment Committee: Sandy Greyson (Chair),
Tiffinni A. Young (Vice Chair), Rickey D. Callahan, Mark Clayton, Philip T. Kingston, B. Adam McGough
SUBJECT **Mayor's Youth Fitness Initiative (MyFi) Program Update**

On Monday, September 28, 2015, the Quality of Life & Environment Committee will be briefed on Mayor's Youth Fitness Initiative (MyFi) Program Update. A copy of the briefing is attached.

If you have any questions, please contact me at (214) 670-4071.

A handwritten signature in cursive script that reads "Willis C. Winters".

Willis C. Winters, FAIA, Director
Park and Recreation Department

Attachments

c: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager

Eric D. Campbell, Assistant City Manager
Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council



Mayor's Youth Fitness Initiative (MyFi) Program Update Dallas Park and Recreation Department

Quality of Life and Environment Committee September 28, 2015



Outline



- Program Overview
- Measurements and Results
 - FitnessGram Progress Report
 - Behavior Health Survey
- Nutrition
- Participation Levels
- Community Impact
 - High 5 Partners
 - Events
- Grants and Awards
- Next Steps



Mayor's Youth Fitness Initiative (MyFi) Overview



- The Mayor's Youth Fitness Initiative is the City of Dallas signature Youth Fitness and Wellness program. The program is designed to lead children ages 6-12 in making long-term improvements in their nutrition and behavior choices
 - Currently Implemented at 39 of 42 Recreation Centers
 - Oncor contributed \$1M as the initial seed money for the program
- Five Core Components of MyFi:
 - Nutrition
 - Fitness
 - Measurement
 - Family involvement
 - Rewards

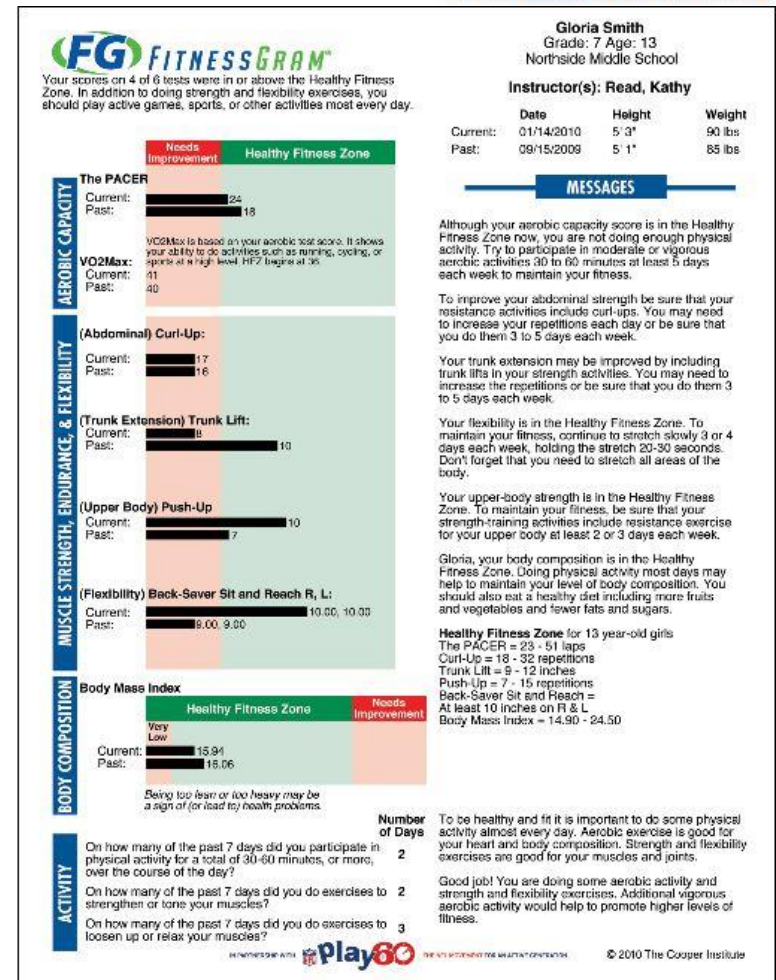


Mayor's Youth Fitness Initiative (MyFi) Overview



- A unique aspect of the MyFi program is our commitment to ongoing assessment
 - MyFi utilizes the FitnessGram[®] -a measurement tool developed by the Cooper Institute to chart each participant's progress and success in the Healthy Fitness Zones domains: aerobic capacity, abdominal endurance, trunk extension, upper body strength, body composition measured by BMI, and flexibility
 - Participants also complete a pre/post Behavioral Health Survey designed by Baylor HealthCare System
 - Program leaders and participants commit to a minimum of 60 minutes of daily moderate to vigorous physical fitness activities

- In year one, only 10% of participants met HFZ criterion along all six fitness domains. In contrast, at the completion of year three, this percentage increased to 27%. The number of participants meeting the HFZ standards for body composition improved from (2013) 51% to 57% (2014)
- The girls made slight improvement in 2 domains: Flexibility **82%** (75% 2013) and Body Composition **57%** (56% 2013). Where the boys made improvement in 3 domains: Aerobic Capacity **77%** (75% 2013), Flexibility **83%** (82% 2013), and Body Composition **59%** (53% 2013)



Behavior Health Survey Results



○ Eating Habits

The number of children reporting eating 3-4 servings of fruit and 3-4 servings of vegetables on a typical day increased from 27.3% to 36.9% (fruit) and 24.1% to 30.9% (vegetables)

○ Physical Activity Habits

With regards to sedentary time, in year three, the number of hours per day participants devoted to TV/video game time also decreased, with the majority (58%) of participants having less than 3 hours of screen time on an average school day

Health Behavior Survey Results



○ Physical Activity Support

Responses improved when participants were asked if their parents encouraged daily activity. At baseline, 25.4% of participants report at least one of their parents encouraged them to do physical activity almost every day over the past week; at follow up this increased to 28%

○ Future Physical Activity

Future physical activity is one area that showed great improvements from baseline reports to follow up surveys. The percentage of children who report they will definitely do regular physical activity increased across all three categories: next school year, outside school, and as an adult. e.g., at baseline 45% reported they will definitely do physical activity as an adult, which increased to 51.8% at follow up

Nutrition Component



2014-2015

- Parent Cooking Classes and Healthy Cooking Demonstrations
- Diabetes Health and Wellness Institute (DHWI) Nutrition Education
- Dallas Academy of Nutritionist and Dieticians (DAND) provide healthy cooking demonstrations for participants in the After School Program

2015-2016

- MyFi will implement the Out-of-School Time Nutrition program through the recently awarded Nutrition Literacy Grant funded by NRPA and the Wal-Mart Foundation
- Parent Cooking Classes and Healthy Cooking Demonstrations

Participation Levels



The following represents the number of youth that were registered in the MyFi program. A registered participant is one who completes the initial Behavioral Health Survey and FitnessGram® assessment

Year	Summer	After School	Total
2011-2012	2,601	284	2,885
2012-2013	3,098	1,110	4,208
2013-2014	3,073	1,264	4,337
2014-2015	3,983	1,658	5,641

MyFi's Community Impact



○ MyFi High Five Community Grant

The MyFi High Five Grant is an outreach geared towards reaching youth in community organizations and schools implementing FUN activities for kids to get fit and become healthy. This grant is funded by our partners at Oncor

○ Organizations earn a High Five seal of approval by pledging to:

- Incorporate MyFi's five core components (nutrition, fitness, measurement, family involvement and rewards)
- Enroll their participants in MyFi online
- Participate in citywide celebrations



MyFi High-Five Partners



Elementary Schools:

- James Bowie Elementary School
- Anne Frank Elementary School
- Margaret B. Henderson Elementary School
- Louise Wolff Kahn Elementary School
- Robert E. Lee Elementary School
- Esperanza Hope Medrano Elementary School
- Alex Sanger Elementary School
- Edward Titche Elementary

Non-Profit Organizations:

- Catholic Charities
- Girls on the Run
- Marathon Kids
- Roseland Boys and Girls Club
- West Dallas Community Center

2014-2015 Community Events



- Cummings Grand Re-Opening
- Community Fall Carnival
- City of Dallas Employee Field Day
- Girls on the Run 5K
- Mayor's Race
- Pleasant Oaks Grand Re-Opening
- MyFi Family Skate Night
- Teen Summit at Beckley Saner
- Community Egg Hunt
- Mi Familia Mi Hogar
- Get Kidz Fit Festival
- Univision's Unase Al Reto
- Anne Frank Elementary School Health and Safety Fair

Grants and Awards



- MyFi will continue to research and apply for alternative funding sources to support this program and our community outreach efforts. Since the program's inception in 2011, MyFi has been the recipient of 2 grants and 2 financial awards
 - Aetna Voices of Health \$20K
 - US Conference of Mayor's \$25K
 - NRPA Walk with Ease Grant \$4K
 - NRPA Out-of-School Time/Wal-Mart Grant: \$30K



Next Steps



- Continue to develop the Family Involvement/Family Focused programs and activities thru:
 - Nutrition/Cooking programs for Parents
 - Additional incentives for family attendance and registration at events
- Enhance and strengthen the fitness curriculum to ensure the participants are maximizing their exertion levels
- Closely monitor each participant's activity logs to determine which activities promote the most exertion and adjust accordingly

A Few Faces of MyFi...





Mayor's Youth Fitness Initiative (MyFi) Program Update Dallas Park and Recreation Department

Quality of Life and Environment Committee September 28, 2015

