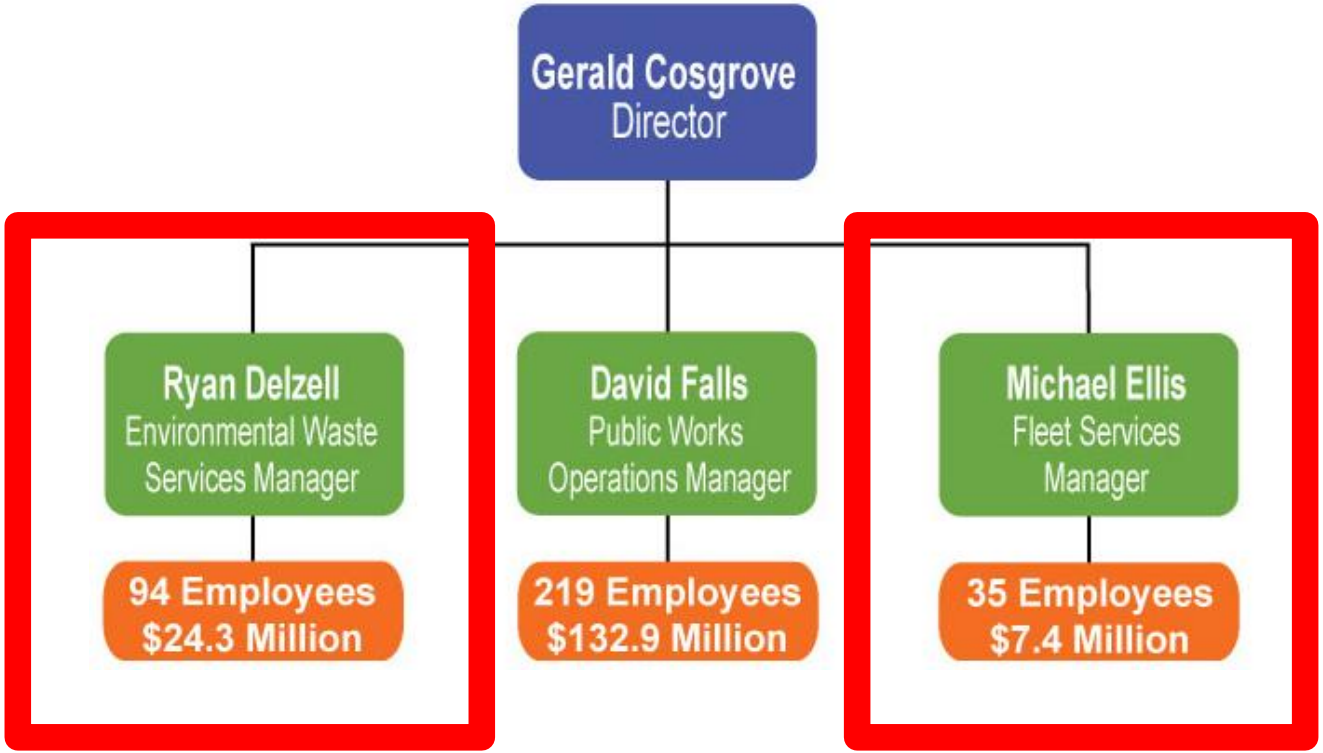
Plano

City of Excellence

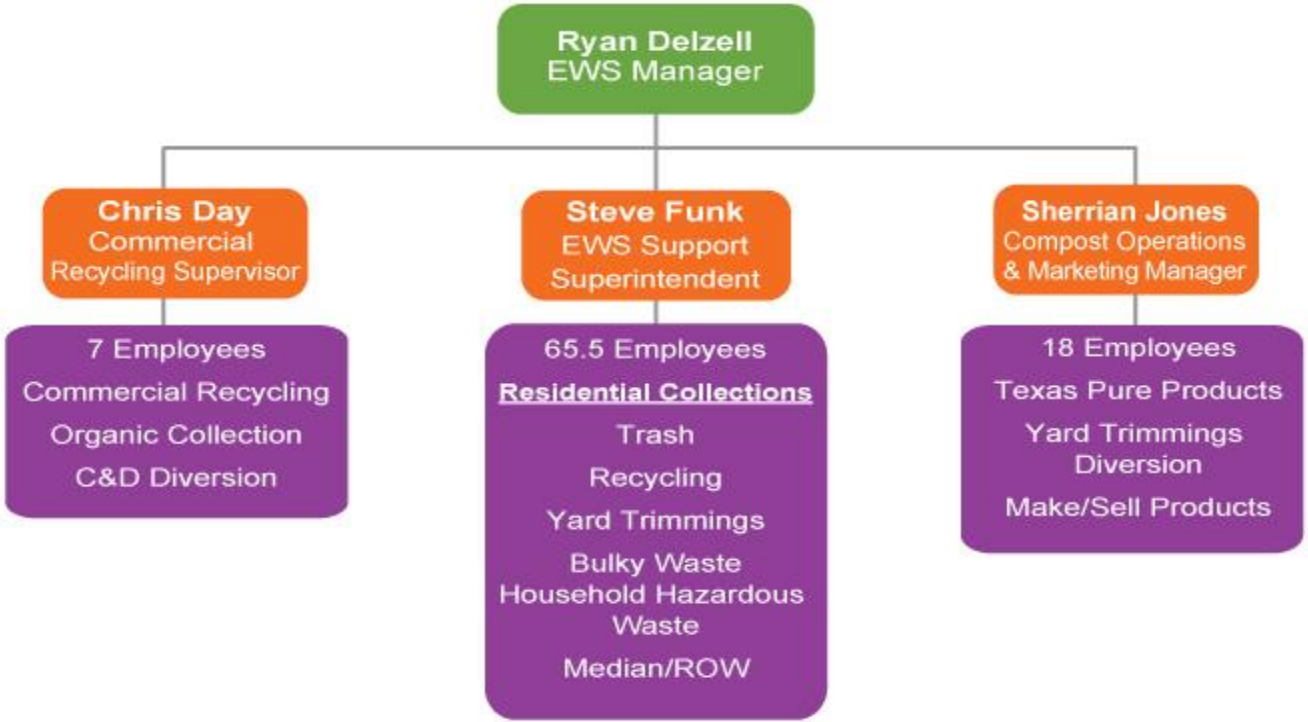
Public Works



Public Works Organization



Environmental Waste Services Organization



Environmental Waste Services



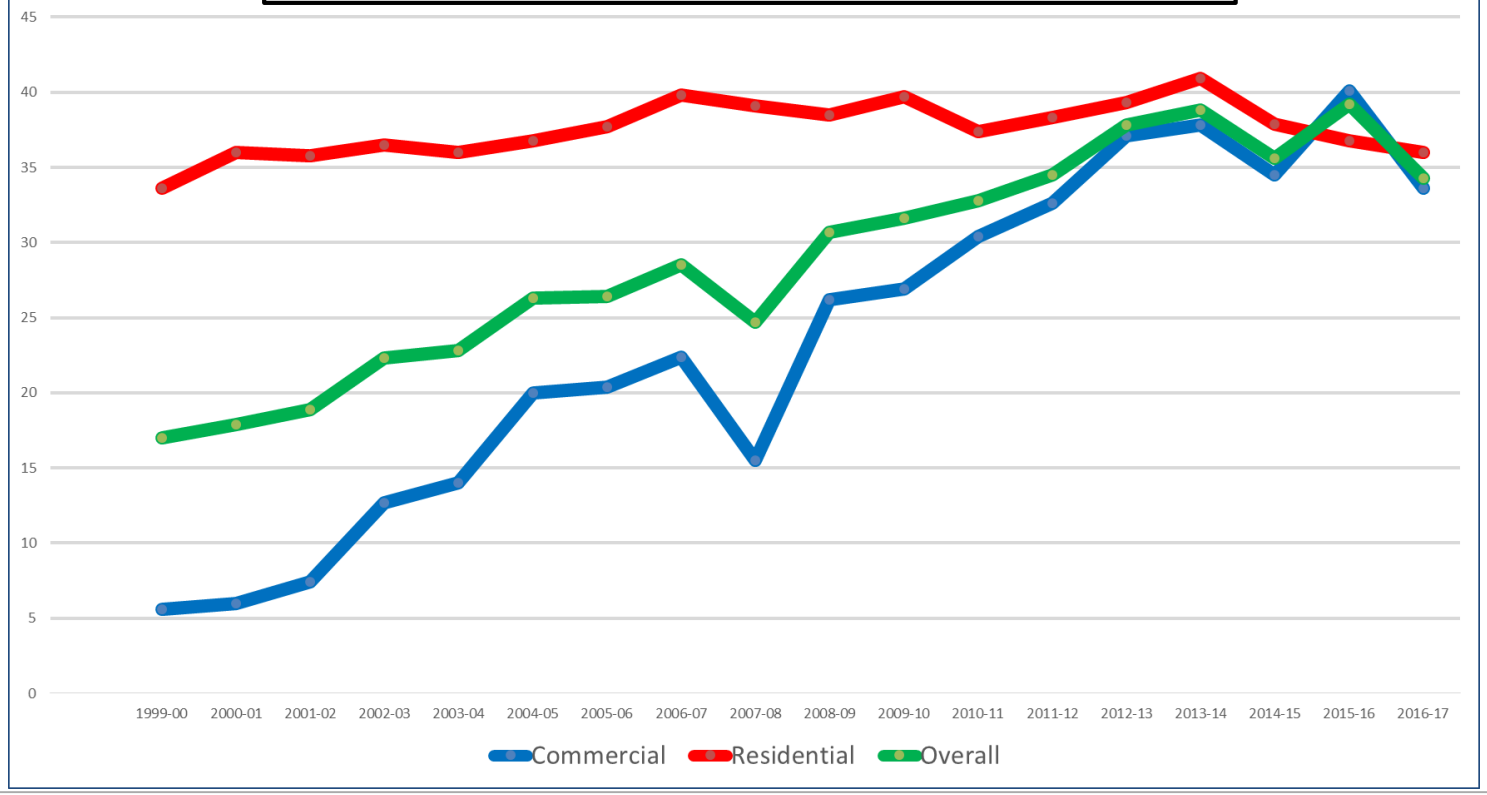
March 2018 Month's Work

Monthly Services Provided – 72,954 Customers	
Trash	310,055
Yard Trimmings	310,055
Recycling	155,028
Bulky Waste	72,954
Special Paid	132
Household Hazardous Waste	611
Total	**848,835**

2016-17 Statistics (year ending 9-30-17)

Total Trash – Tons	232,227
Residential Trash Total – Tons	66,396
Residential Recycling- Tons	17,489
Residential Recycling/Reuse other – Tons	354
Landscape Waste - Tons	19,540
Residential Diversion Rate	36.0%
Commercial Diversion Rate	33.6%
Overall Diversion Rate	34.3%

Historic Diversion Rates



Environmental Waste Services Accomplishments

- New Compost Contract approved March 2016
- New Cart Contract approved September 2016
- Textile Recycling started October 2016
- New Commercial Trash Contract approved May 2017
- Recycling Contract extended August 2017
- Bulky Waste Pilot started in February 2018

Environmental Waste Services Issues

- Recycling revenue down over 80% from FY 16-17
  - FY 16-17 $603,570 FY 17-18 $100,000
  - Lower commodity pricing; higher contamination
- New Republic Services' Material Recovery Facility (MRF)
  - Scheduled to open January 2019
  - Additional 38 miles per day per route to travel to temporary MRF
- Household Hazardous Waste Collections
  - Over 26,000 gallons (580,000 lbs.) collected
  - HHW collections up 40% from FY 12-13
- White goods & appliance collections up 11%

Environmental Waste Services Issues

- Recycling Rate is flat/decreasing
- China is not accepting paper or plastic for recycling effective 1-1-2018
- Contamination Rate for Recycling is increasing
- More Cardboard
- New curbside textile recycling program (Simple Recycling)
  - Over 160,000 lbs. of material diverted from the landfill

Environmental Waste Services

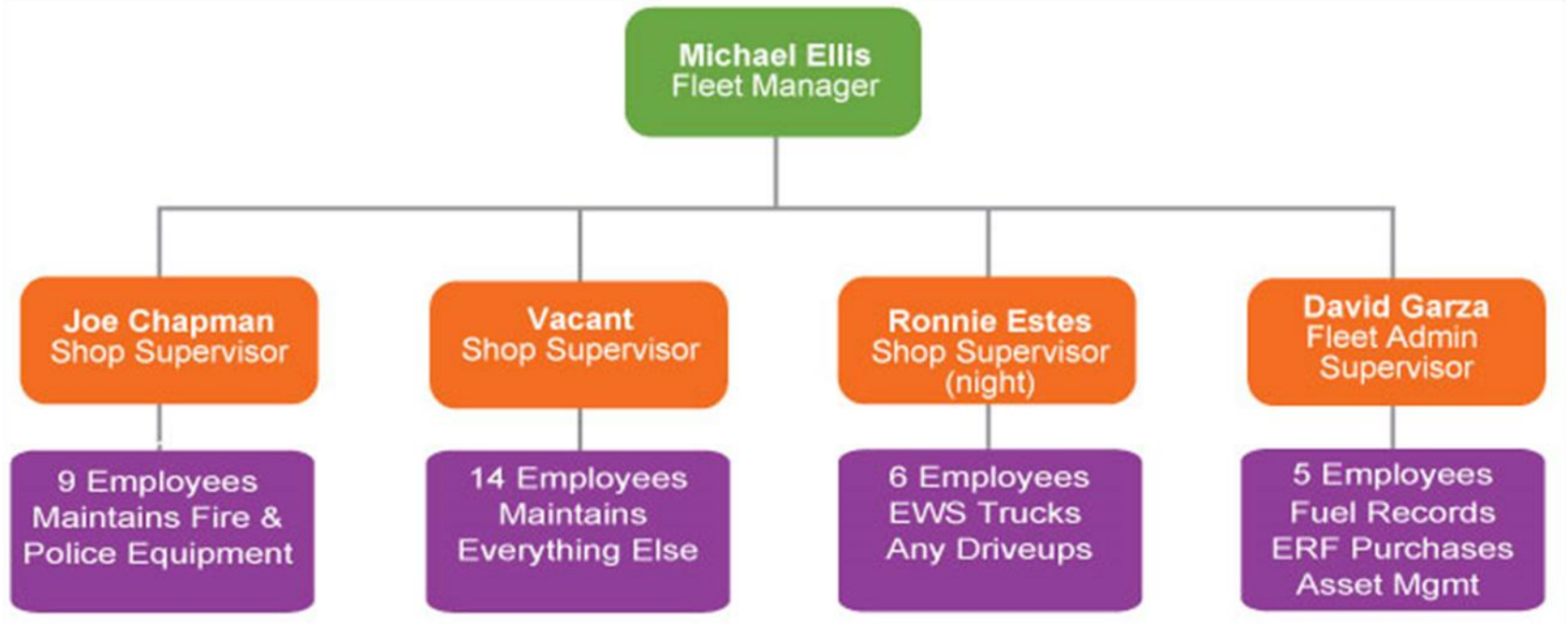
- On Call Bulky Waste Collections Pilot Program
  - Began February 2018
  - Currently servicing 3,032 single family homes
- EWS Customer satisfaction surveys
  - 4.95 out of 5 YTD satisfaction rating
- Organics – Food Waste
- No rate increase anticipated
  - 76 days of operation at the close of FY 16-17

Fleet Services





Fleet Services Organization



Fleet Statistics

- 1,012 Registered Vehicles
- 2,290 Total maintained pieces of Equipment
- $80 Million Value of the Fleet (Original Cost)
- 1,192,332 Gallons of fuel purchased last year
  49%/51% Unleaded/Diesel
- $12,809,475 Vehicles purchased last year

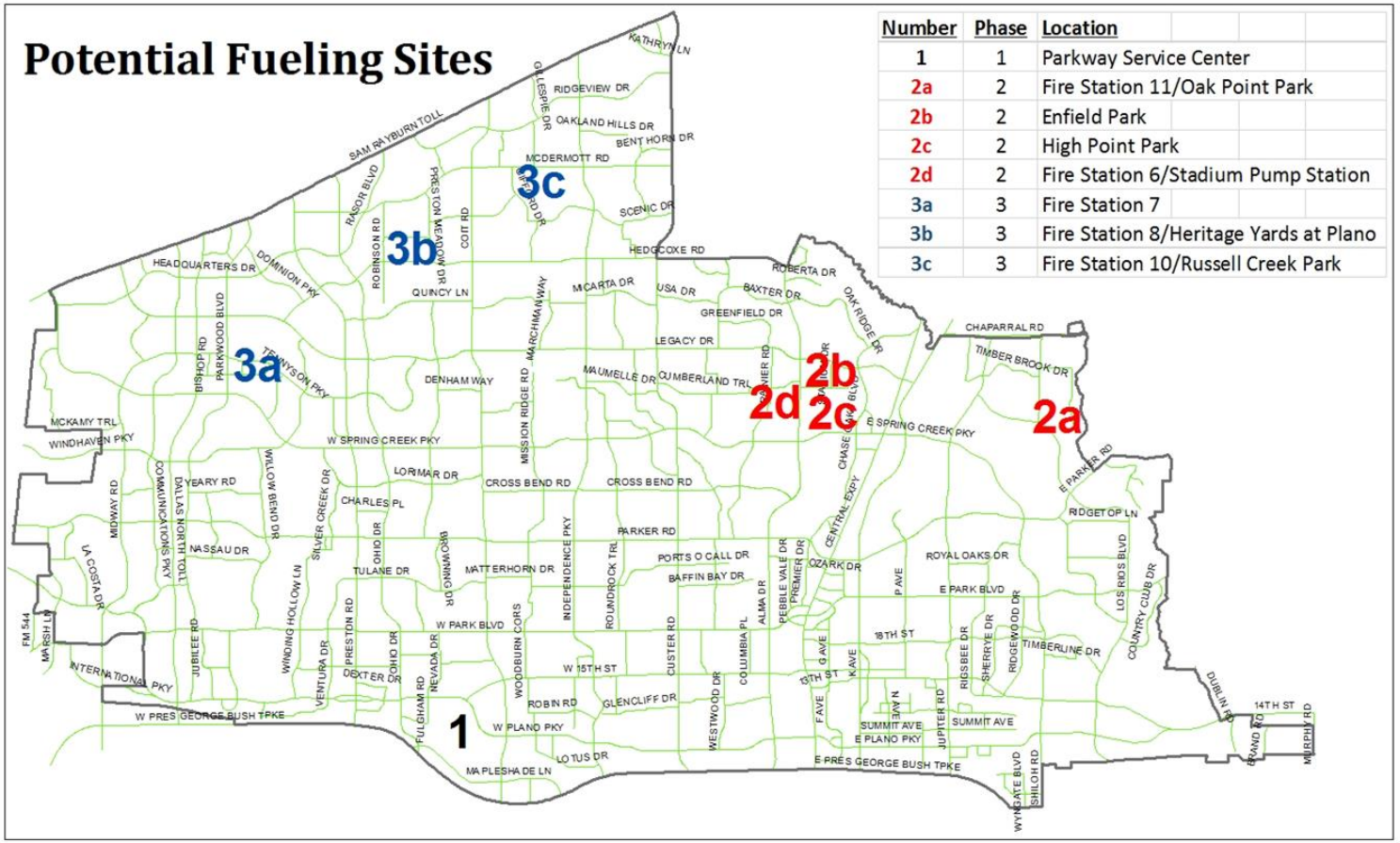
Opportunities to SERVE

- Asset management is a high priority – extend life of assets
- Replacement based on Age, Miles, Repair History, and is it the right vehicle
- Alternative Fueled Vehicles finding the perfect balance
- Expanding the current internal fueling infrastructure
- Recruiting qualified Technicians with current certifications
- Equipment to Technician ratio is 109 to 1 industry standards is 75 to 1

Budget Request

- 2 New Technicians to address Technician Ratio and to improve Scheduled Preventative Maintenance
- New Fuel site to supplement contract fueling (First of Three sites)
- Fuel Truck

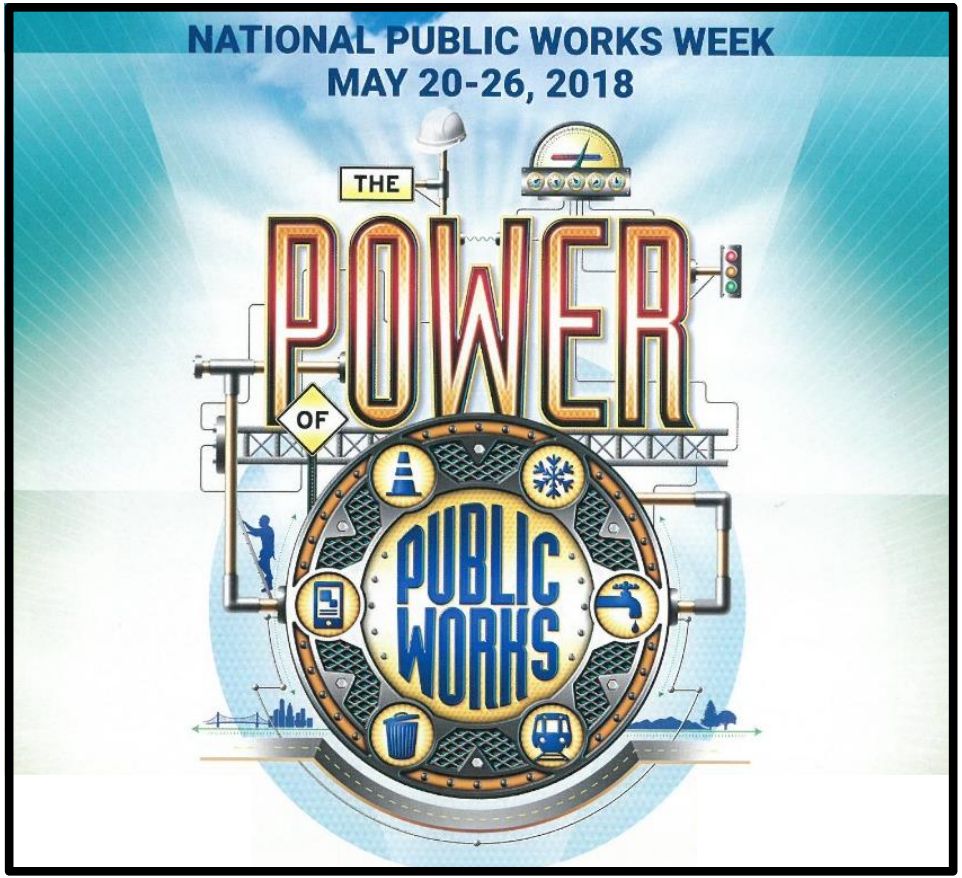
Potential Fueling Sites



Number	Phase	Location
1	1	Parkway Service Center
2a	2	Fire Station 11/Oak Point Park
2b	2	Enfield Park
2c	2	High Point Park
2d	2	Fire Station 6/Stadium Pump Station
3a	3	Fire Station 7
3b	3	Fire Station 8/Heritage Yards at Plano
3c	3	Fire Station 10/Russell Creek Park

APWA Accreditation

Insurance Services Office


NATIONAL PUBLIC WORKS WEEK
MAY 20-26, 2018
THE
POWER
OF
PUBLIC
WORKS

Questions