

# Environmental Annual Report

DUY VU

ENVIRONMENTAL MANAGER



# VISION

We envision Cedar Hill as a premier city that retains its distinctive character; where families and businesses flourish in a safe and clean environment.

# MISSION

The Mission of the City of Cedar Hill is to deliver the highest quality municipal services to our citizens and customers consistent with our community values.

# VALUES



PEOPLE &  
RELATIONSHIPS



STEWARDSHIP



HIGHEST ETHICAL  
STANDARDS,  
BEHAVIOR & INTEGRITY



SERVANT  
LEADERSHIP

# Pursuing Premier

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**CEDAR HILL HAS  
DISTINCTIVE  
CHARACTER**

ESTABLISHED  
1846

**CEDAR HILL IS**



**CEDAR HILL IS  
CLEAN**



**CEDAR HILL HAS AN  
ENGAGED COMMUNITY**



**CEDAR HILL HAS VIBRANT  
PARKS, TRAILS**



**& NATURAL  
BEAUTY**

**CEDAR HILL HAS  
EXCELLENT, SAFE &  
EFFICIENT INFRASTRUCTURE**



**\$ CEDAR HILL HAS  
A STRONG &  
DIVERSE ECONOMY**

**CEDAR HILL HAS  
TEXAS SCHOOLS  
OF CHOICE**



# Environmental Services

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Duy Vu  
Environmental  
Manager



Gregg Kidd  
Environmental  
Specialist

Environmental  
Program  
Categories

Land

Air

Water

Infrastructure

Leading Programs

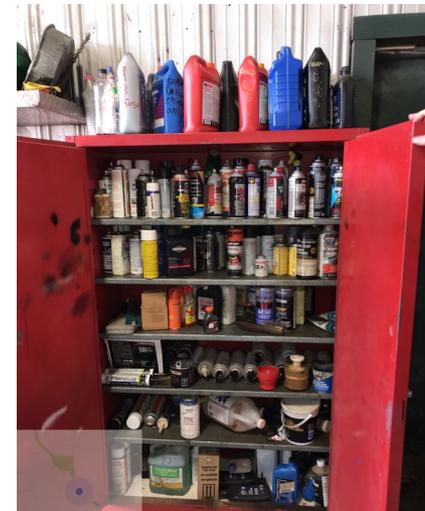
# Environmental Programs Timeline



**Major Environmental Audits**

# Environmental Readiness

- Keeps the City ready for TCEQ and EPA audits
- Learning opportunity for City staff
- 3 internal cross connection, 15 internal stormwater, 13 chemical storage audits
- 75 total inspections and follow-up inspections
- 84 *opportunities for improvement (all improved)*
  - \$160,000 to \$250,000 value in enforcement prevention



# Industrial Pretreatment

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- Partnered with TRA, 1 Permitted Facility
- Building Permit Reviews & Certificates of Occupancy
  - Pretreatment
  - Stormwater
  - Air quality
  - UST & AST
  - Flood management
  - Cross connection
  - Etc.



# On-Site Sewage Facilities (OSSF)

- Environmental permits and inspects all new OSSFs
- Environmental enforces compliance to all existing OSSFs
- 6 Authorizations to Construct issued
- 8 inspections
- 2 complaints
- 1 removal
- 155 OSSFs regulated



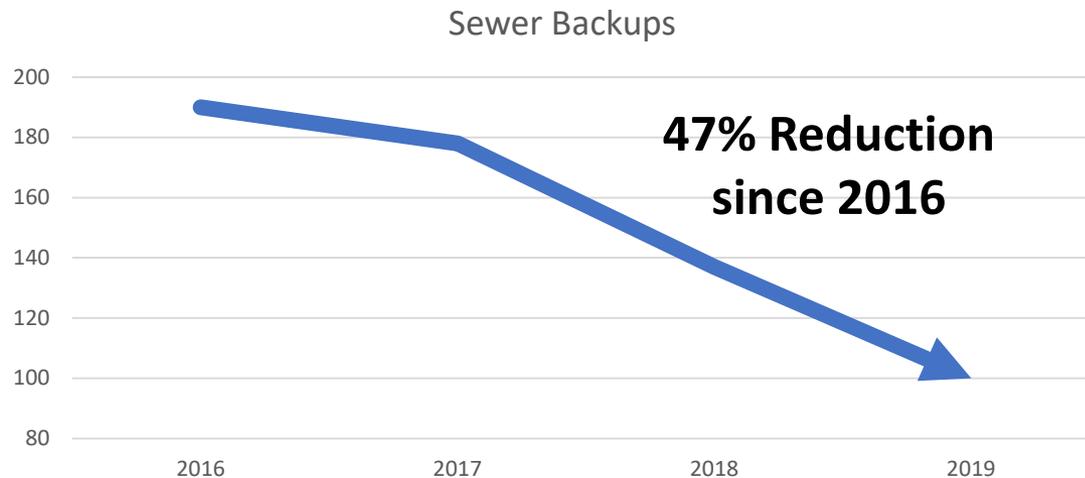
# Liquid Waste Transportation

- Liquid waste ordinance passed in 2017
  - Grease traps – 90 days
  - Sand/grit traps – 180 days
  - Septic tanks and portable chemical toilets – as needed
- Liquid waste transporters are permitted
  - Ensures all transporters are qualified
  - Ensures all trucks are maintained
  - Ensures all waste is disposed properly
- 48 trucks permitted in 2019
- 81 regulated facilities
- 227 pump outs
- 42 inspections



# Importance of Liquid Waste Program

- Strong liquid waste program = more resilient sanitary sewer infrastructure
- Less undesirable wastes enter the sanitary sewer
- Less sewer stoppages
- Sewer backup improvements



# Keep Cedar Hill Beautiful (KCHB)

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- Proud partner of Keep Texas Beautiful and Keep America Beautiful
- 3 Pillars
  - Litter prevention
  - Recycling
  - Beautification



# Environmental Collection Day (ECD)

- Initial takeaways from program acquisition
  - *VERY popular*
  - *Safety issues* – long vehicle lines; no entrance and exit strategy
  - *Inconvenient* – separate weekends for HHW, e-waste, and shred
- Program acquisition in 2017
  - Combined household hazardous waste (HHW), e-waste, and shred
  - Semi-annual events to quarterly events
  - Changed electronic waste and shred vendors

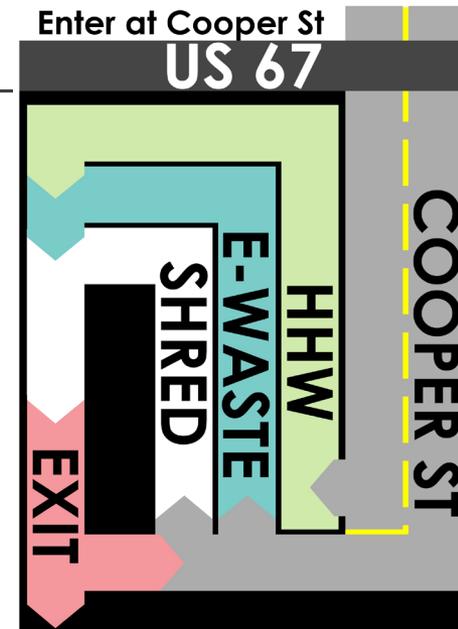


**IN 2016, LINES STRETCHED TO US 67 SERVICE RD**



# ECD Operational Changes

- Staff training & certification
- Entrance and exit strategy – traffic management
- Increased City staff and vendor staff
- Website overhaul
- Easy registration and check-in
- Operational goal: *Service within 15 minutes*



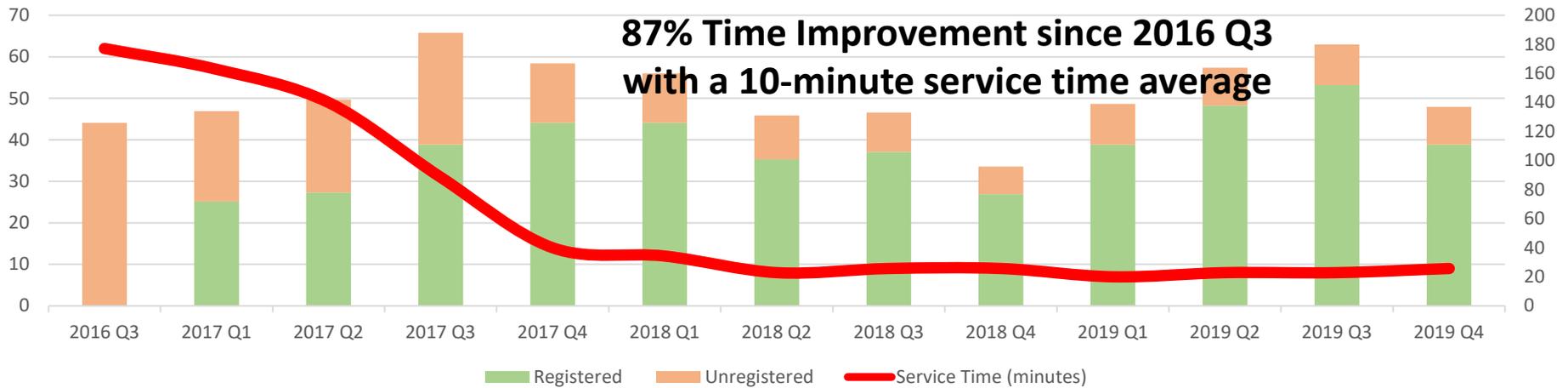
# Current Operations

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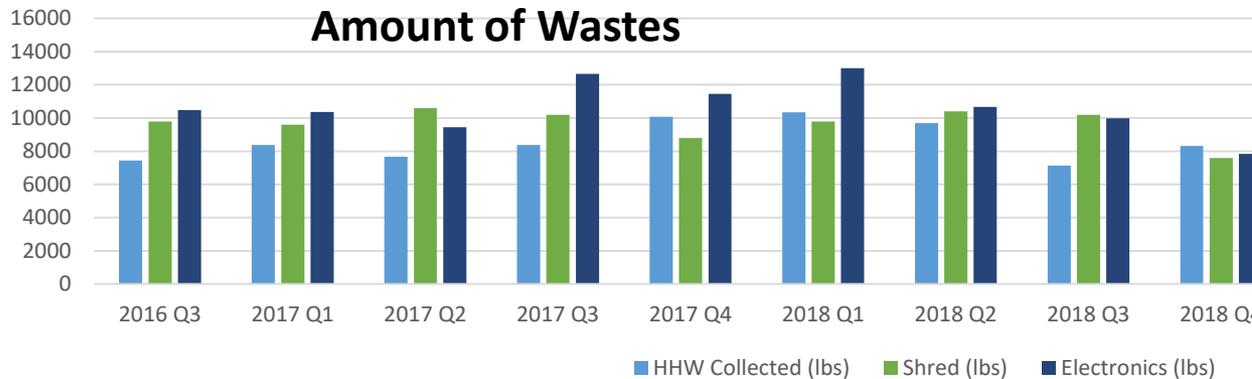
# ECD Operational Effects

ECD - Service Time

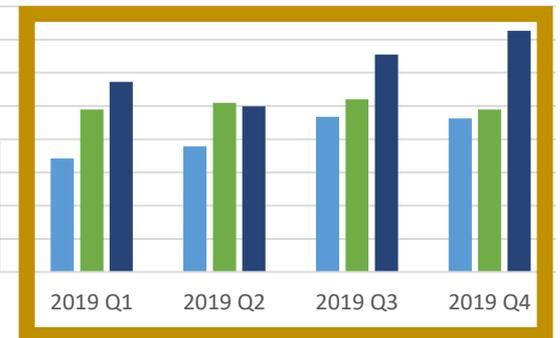


**No Reduction in Amount of Wastes**

ECD - Weights



**122,287 lbs Collected in 2019**



# Major Additions to ECD

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- Access to Mansfield ECC – accepts both household hazardous waste (HHW) and electronics
- Small electronics recycling program in partnership with CHISD
- Year-round daily grease and cooking oil drop off at the Service Center



# Adopt Cedar Hill



- We empower our residents and businesses to take ownership of their neighborhood and community
  - Free sign to acknowledge adoption
  - Free trash grabbers, trash bags, gloves, safety vests cooling towels for summer cleanups, beanies for winter cleanups
- 14,594 lbs of trash removed since 2017
- 2019 has been a great year!
  - 25 street and park adoptions
  - 496 volunteer hours dedicated to litter cleanups
  - 6,386 lbs of trash removed
- Bitter for Litter – 583,788 pieces of litter picked up





# GREEN AWARDS

## Green Awards



- Partnership with Waste Management (WM) and the Cedar Hill Chamber
- Cedar Hill funds \$1,500 towards one or more sustainability projects
- 2019 Projects
  - Mission Cedar Hill – compost and mulch project
  - Lakeridge Elementary – recycling project
  - High Pointe Elementary – zero waste project



# Environmental Outreach

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- We LOVE opportunities to educate our community!
- 20 community outreach opportunities
  - Environmental Collection Days, Neighborhood Block Party, Big Machines Expo, Earth Fest, EarthX, STEM @ the Library, Senior Fair, Back to School Rally, Music in the Park, Juneteenth, Country Day on the Hill, CityU, CHISD Career Days, CHISD STEM Programming, CHISD Convocation



Questions?

