



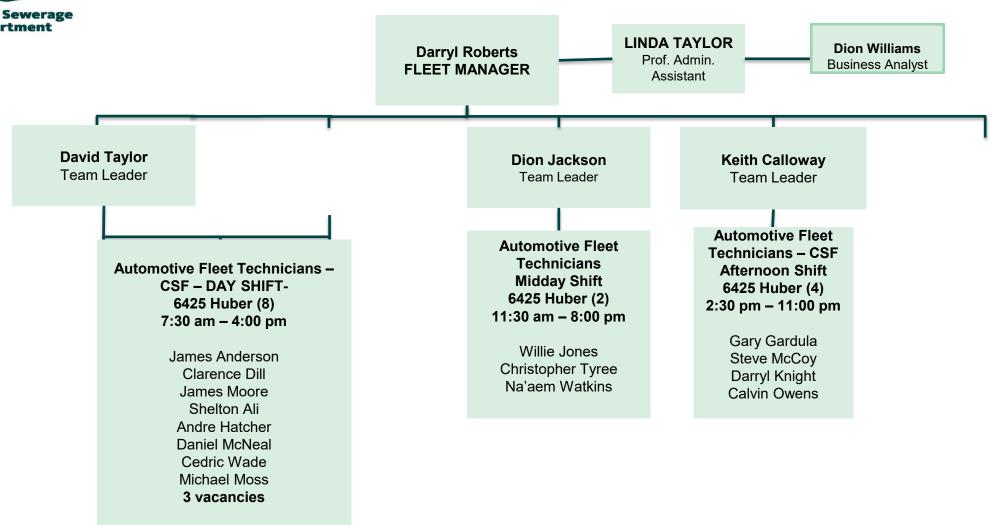


Fantastic Leaders Essentially Exercising Teamwork



Fleet - 22 FTEs

Water & Sewerage Department



FLEET BREAKDOWN

- 449 Active Units
- 174 are 2025 or newer
- 220 are 2015 or newer
- Currently 49% in compliance with the vehicle replacement cycle
- Expect to be 75% compliant by FY27





Fleet Operations – What We Do?

Full Service Garage

- Preventative Maintenance
- Towing/ Service Calls (Road Service)
- Vehicle Acquisition, Replacement, and Disposal
- Vehicle Upfitting
- Dewatering
- Emergency Lighting
- Scraping Services
- Equipment moving
- Tech Support & Training
- Vehicle Tracking (Partners with IT)
- Etc....







Fleet Operations Scorecard/Service Lines

Fleet Operations | Service Lines

Preventative Maintenance

SLA = 1 DAY CSLAP - 100%



- Oil change
- Filter change
- Fluid top off
- Tire rotation
- Wiper blades

Vehicle Repairs



PRIORITY 1 (Standard Repairs)

SLA = > 2 days CSLAP - 53%



Standard Repairs:

- Brakes
- Exhaust System
- Battery replacement



PRIORITY 2 (Minor Repairs)

SLA = > 5 days CSLAP - 40%



Minor Repairs:

- Transmission Steering and Suspension;
- Heating and Cooling system



PRIORITY 3 (Major Repairs)

SLA = > 10 days CSLAP - 0%



Major Repairs:

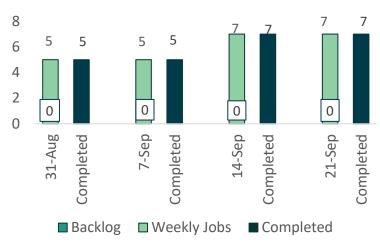
- Oil Leaks
- Engine Repair
- Transmission
- Electrical



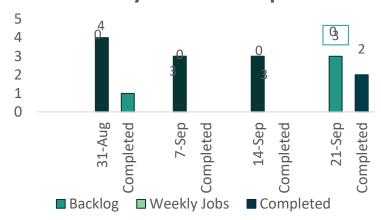


Fleet Operations | Scorecard

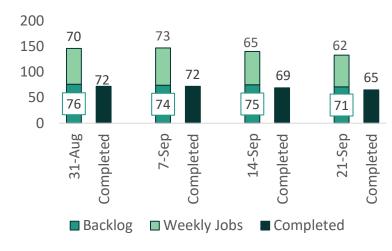
Preventative Maintenance



Priority 2: Minor Repairs



Priority 1: Standard Repairs



Priority 3: Major Repairs

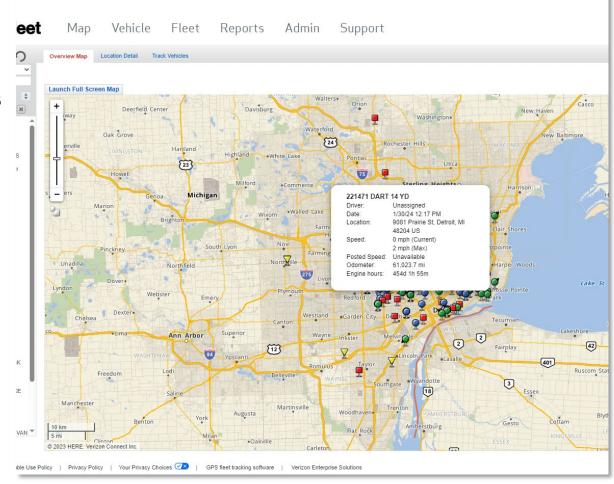




Fleet Operations –

Embracing Technology

- The GPS was upgraded from Verizon Connect to Verizon Reveal
- Increase reporting from pinging every 2 minutes to every 20 seconds
 - Google Maps integration.
- GPS System
 - Real Time location of All Active Vehicles
 - Active mileage updates (Three-way Check: GPS, AssetWorks, and Physical)
 - Preventive Maintenance notifications by AssetWorks through emails to service-line leaders (automated)
 - Accident Investigations and THEFT Recovery



https://www.networkfleet.com/portal/map/overview-map?cid=3858970





Fleet Operations –

Embracing Technology

- Last year we ran an EV pilot with 2 rental Vans
- Currently we have in service
- 24 Hybrid Ford Maverick Pickups,
- ➤ 12 Hybrid Ford Escapes,
- 5 Plug-In Hybrid Ford Escapes
- We have received 6 out of 10 Full EV vans
- We installed 20 EV charging stations in East Yard and
 2 in the Fleet Garage





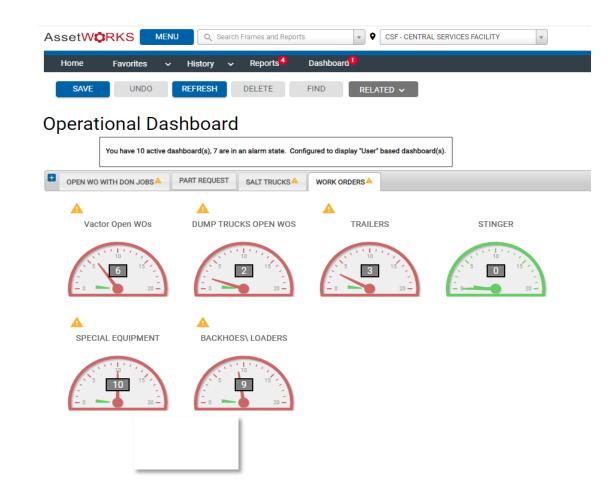


Fleet Operations

Embracing Technology

- Digital Documents
 - Drop off
 - Pick Up
 - Customer Service Survey

- AssetWorks Fleet Focus
 - Paperless Work Orders
 - Digital Vehicle
 Maintenance Tracking





Fleet Operations

Embracing Technology

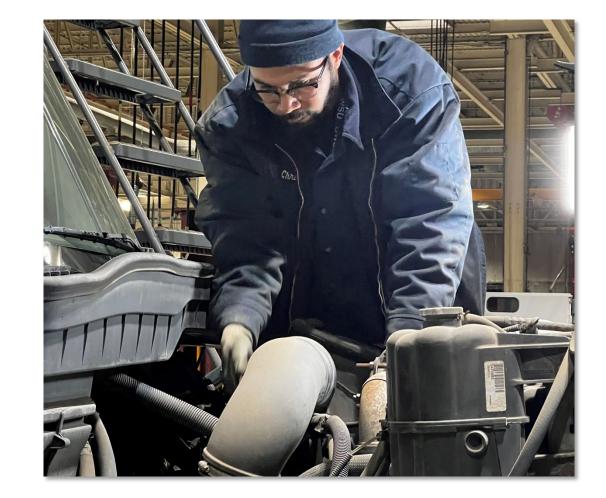
- Technician Training
 - Ford STARS Training and Certification
 - Certified Fleet Garage
 - Warranty Provider
 - Less dependent on contracts
 - Increases Technicians Morale

FORD Fleet Training Package Subscriptions include:

- o Comprehensive technical training for all Ford and Lincoln vehicles
- Unlimited web-based training
- o Unlimited classroom training at Ford Training Centers
- o Specialty training in 11 different certifications
 - Electrical
 - Electronic Systems
 - o Engine Repair
 - Diesel Engine Repair
 - o Manual Transmission & Drivetrain
 - o Climate Control

- Engine Performance
- o Diesel Engine Performance
- Steering & Suspension
- Automatic Transmission
- Brakes

- New Model Training
- o Training history in Standardized Training and Resource System (STARS)
- o No limit on number of users per location
- Substantial discounts for multiple locations





Fleet Operations

Future State

- Apprentice Program (Partner with HR Training)
 - Diesel Technicians
 - AssetWorks and Fuel Focus upgrades
 - Great transparencies of vehicle status
 - Digital pre-trips
 - Mobile device integration
 - AL fleet assessment









THANK YOU!

Darryl Roberts

Detroit Water & Sewerage Department

Email: darryl.roberts1@detroitmi.gov

Phone: 3139993392

For more information visit: www.detroitmi.gov/dwsd

FOLLOW US!



