



# Environmental & Sustainability Management System (ESMS)

Planning & Development Committee  
December 1, 2015

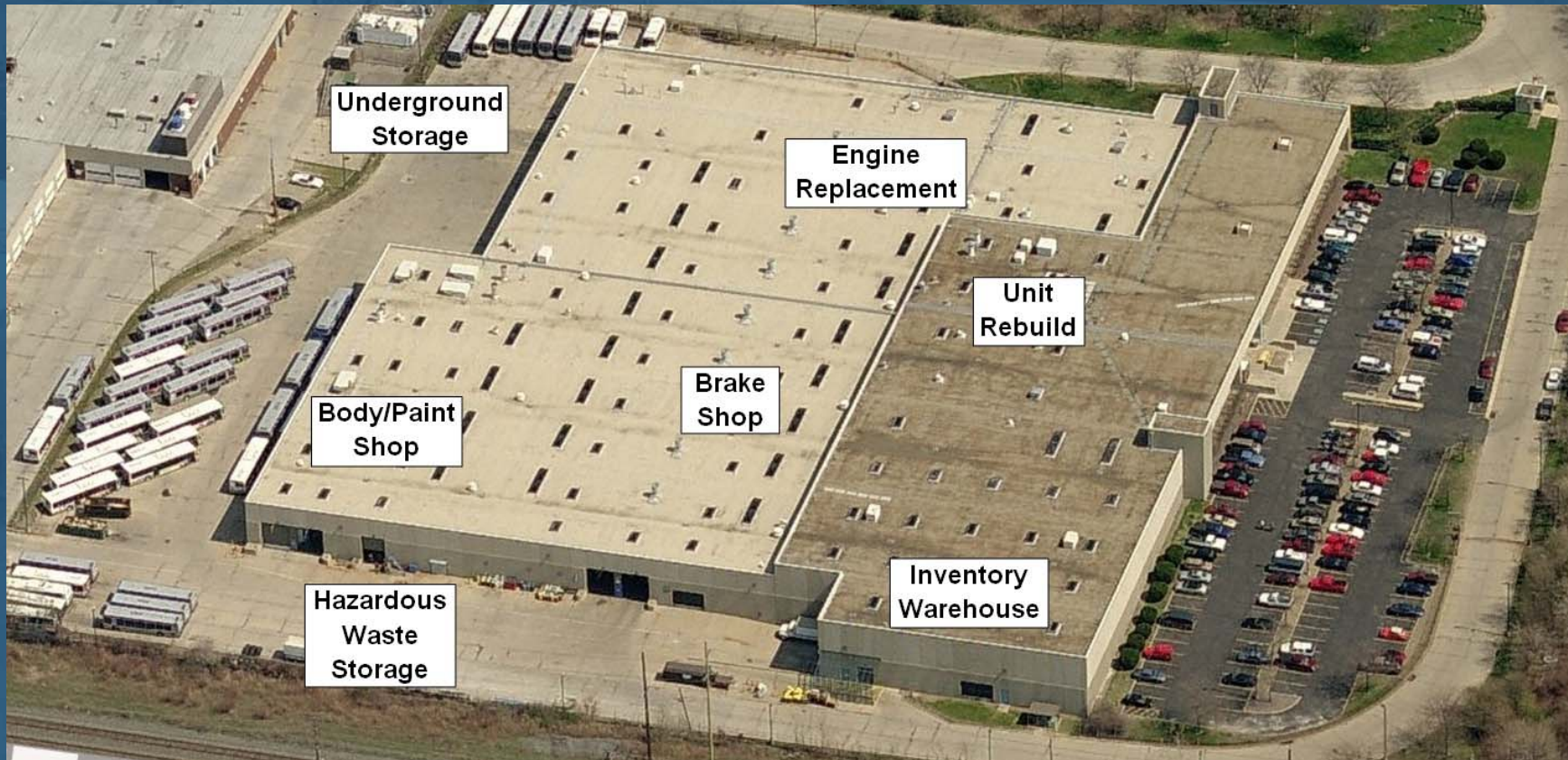
Greater Cleveland Regional Transit Authority



# Background

- FTA sponsored program
- GCRTA one of ten agencies selected to participate in this round of training
- Central Bus Maintenance Facility (CBMF) is the pilot facility for implementation
- Awaiting ISO 14001 Certification for CBMF
- ESMS activities beginning at Hayden and Triskett

# CRMF Facility Aerial





# ESMS/CBMF Core Team

- Mike Schipper, Eng & Proj Mgmt
- Maryann Merce, Eng & Proj Mgmt
- Ron Baron, CBMF
- Kevin Stanley, CBMF
- Kari Solomon, OMB
- Steve Peganoff, Safety

# Triskett Core Team

- Cathy Eaton
- Daveda Bencs
- Jared Hampshire
- Bryan Moore
- Mike Puleo

# Hayden Core Team

- Flounsay Caver
- Yari Cora
- Glen Marzette
- John Sperhac

# Five Significant Aspects - CBMF

- Lead Acid Bus Batteries
- Scrap Metals
- Used Rags
- Waste Cardboard
- Waste Paper



# Objects, Targets, & Programs

- Established for all five significant aspects
- Baseline data obtained in 2014
- Training and communication programs were developed and began in November 2014
- Completion by December 31, 2015



## 2015 3Q YTD Results

- AGM Batteries installed in 130 buses with goal of 186 at end of 2015
- AGM Battery life 116,900 miles vs 133,600
- Lead Acid Battery life 73,400 vs 70,100 goal
- Landfill Waste 14.4 tons vs 13.5 tons/mo goal
- Waste Paper 296 lbs vs 259 lbs/mo goal

## 2015 YTD Results (con't)

- Used Rags use 500 lbs vs goal of 795 lbs/mo
- Scrap Metal recycling 11,750 lbs vs 17,500 lbs/mo goal
- Waste Cardboard recycling 2.0 vs 1.2 tons/mo
- Weekly Spot Checks 98% vs 100% goal
- Equipment Calibration 100% vs 100% goal

## Activities Since Last Update

- 43 of 47 CAR's/PAR's closed thru 9-30-15
- Independent ISO 14001 Registrar and Audit firm performed Stage 2 Audit July 27-31, 2015 with three CAR's and recommendation for certification.
- Core teams for Hayden and Triskett have began identifying aspects and ranking.

# Decisions Since Last Update

- ESMS Core Team performed annual review of the ESMS Policy Statement and Commitment and recommended no revisions. EMT concurred on November 2, 2015.



## Future Activities

- Awaiting ISO 14001 Certification for CBMF
- ESMS implementation at Hayden and Triskett is ongoing
- CBMF is reviewing its aspects and rankings for next year.
- Members of the Core Team will be receiving training on the new ISO 14001 Standard

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