



Environmental & Sustainability Management System (ESMS)

Planning & Development Committee

August 4, 2015

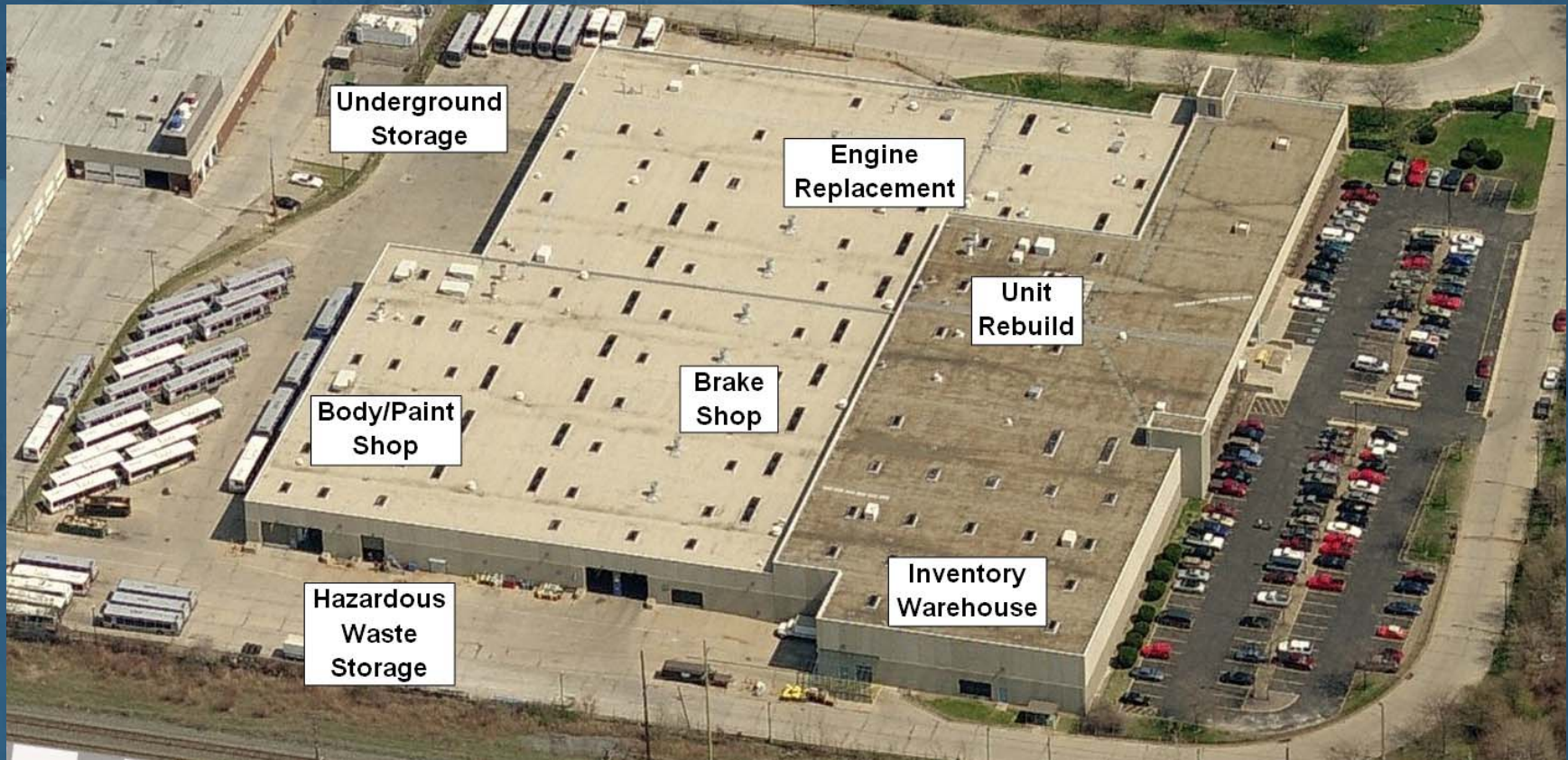
Greater Cleveland Regional Transit Authority



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
- Seeking ISO 14001 Certification for CBMF
- Intend to roll-out ESMS Authority wide

CRMF Facility Aerial



ESMS Core Team

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

Five Significant Aspects

- 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 YTD Results

- AGM Batteries installed in 110 buses with goal of 186 at end of 2015
- AGM Battery life 142,600 miles vs 133,600
- Lead Acid Battery life 71,800 vs 70,100 goal
- Landfill Waste 15.1 tons vs 13.5 tons/mo goal
- Waste Paper 319 lbs vs 259 lbs/mo goal

2015 YTD Results (con't)

- Used Rags use 492 lbs vs goal of 795 lbs/mo
- Scrap Metal recycling 11,500 lbs vs 17,500 lbs/mo goal
- Weekly Spot Checks 100% vs 100% goal
- Equipment Calibration 100% vs 100% goal

Activities Since Last Update

- 34 of 39 CAR's/PAR's have been closed
- Waste vendor improved tracking & invoicing
- Independent ISO 14001 Registrar and Audit firm performed Stage 1 Audit May 19-21, 2015 with one finding and recommendation to proceed to Stage 2.
- Core teams for Hayden and Triskett have been selected

Decisions Since Last Update

- EMT sign-off and approval of update to 1 ESMS procedure issued on April 13, 2015 in response to the Gap Audit findings
- Hayden and Triskett Core Teams have been selected to begin ESMS at those facilities
- EMT sign-off and approval of update to 3 ESMS procedure issued on July 13, 2015 in response to the Stage 1 Audit findings

Future Activities

- ISO 14001 Certification Activities – Stage 2 Audit Conducted July 27-31, 2015 respond to three minor corrective actions by August 31, 2015
- Recommended for ISO 14001 Certification
- Begin ESMS Training at Hayden and Triskett
- Annual Reviews of CBMF Documentation



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