



Greater Cleveland Regional Transit Authority

Environmental & Sustainability Management System (ESMS)

Proposed Environmental Policy Statement

Planning & Development Committee
October 8, 2013



Background

- **FTA-sponsored program**
- **GCRTA one of 10 agencies selected to participate this round of training**
- **Program includes site visits, 4 workshops and lots of homework**
- **Central Bus Maintenance Facility is the pilot facility**
- **Seeking ISO 14001 Certification for Central Bus Maintenance Facility (CBMF)**
- **Intend to roll-out ESMS Authority-wide**



ESMS CORE Team

- **Mike Schipper, Eng & Proj Mgmt**
- **Maryann Merce, Eng & Proj Mgmt**
- **Ron Baron, CBMF**
- **Ashley Ensign, CBMF**
- **Kari Solomon, OMB**
- **Grant Gretta, Safety**



What is a ESMS?

- **An ESMS is a set of management processes and procedures that allow an organization to analyze, control and reduce the environmental impact of its activities, products and services and operate with greater efficiency and control.**
- **An ESMS is appropriate to all kinds of organizations of varying sizes in public and private sectors**



Potential Environmental Benefits

- **Reduction in the number, type, and severity of compliance incidents**
- **Improvement in relationships with state and federal regulators**
- **Pollution and waste quantity reductions**
- **Recovered resources**
- **Reduction of air emissions**
- **Reduction of oil in waste water**

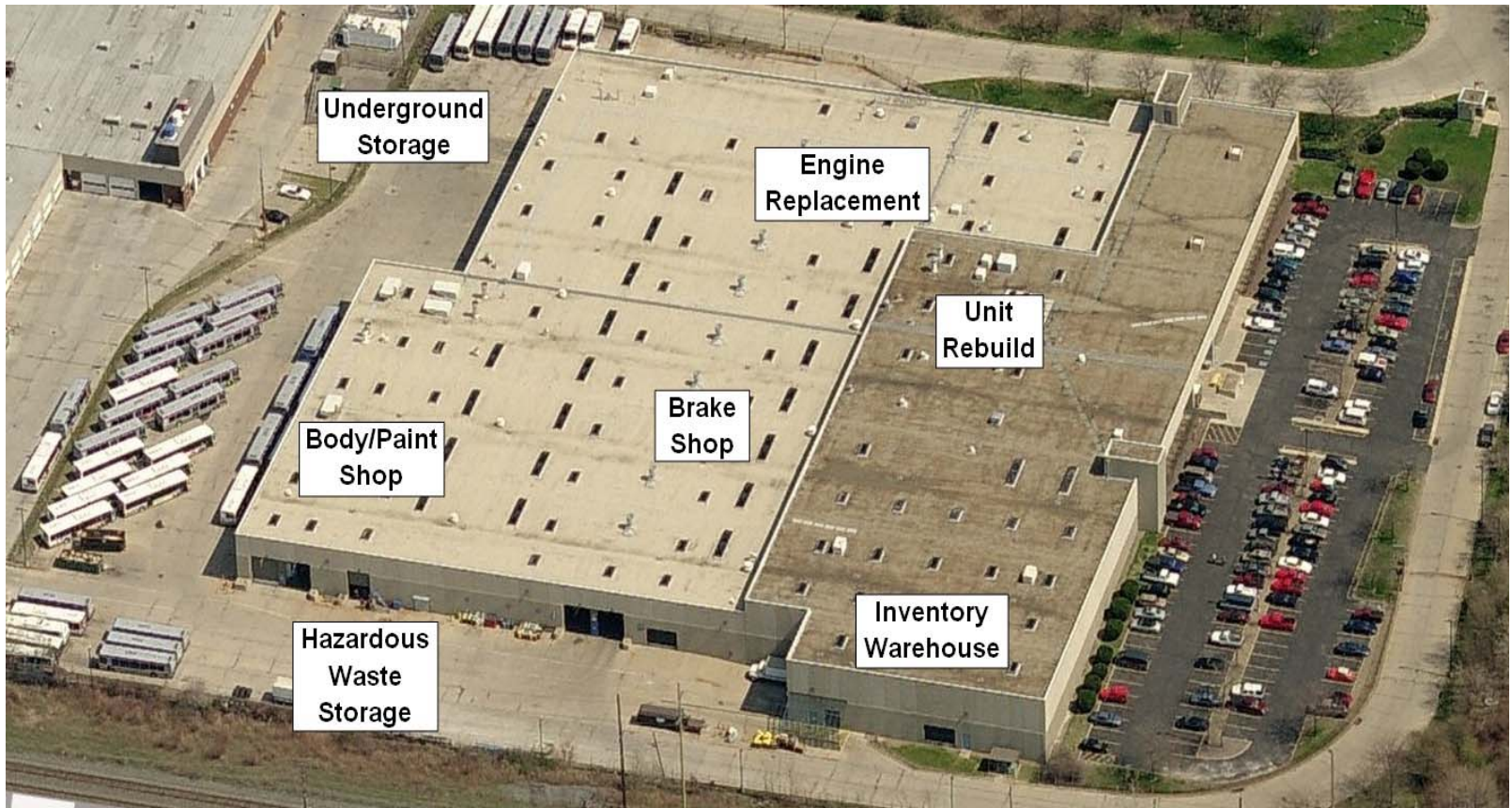


Potential Business Benefits

- Improved employee awareness of environmental impacts of work activities
- Improved communications and cooperation through training and outreach
- Proactive management systems for environmental issues
- Captures institutional memory prior to retirements
- Documentation of standard operating procedures
- Institutionalization of best practices and permanent improvements



CBMF Facility Aerial





EMS Fenceline

- **Central Bus Maintenance Facility**
- **Cleveland, Ohio**
- **Built 30 years ago (1983)**
- **18 acres**
- **229,072 square feet**



CBMF Operations

- **Facilities Maintenance**
- **Fleet Planning and Engineering**
- **Inventory**
- **Equipment**
 - **Brakes**
 - **Body/Paint**
 - **Electronic Repair**
 - **Engine Replacement**
 - **Unit Rebuild**



2012 Waste

- **3,585 lbs. hazardous waste**
- **310 lbs. lamps**
- **58,402 lbs. batteries**
- **2,449 lbs. used oil**
- **25 lbs. used antifreeze**
- **75,043 lbs. sludge/bus wash**
- **78,706 lbs. parts washer solvent**



ESMS Training Program

- **Trains core team on ISO 14001 Standard and documentation requirements**
- **Site visit by training team**
- **Four workshops over one year period**
- **Homework and follow-up between workshops**



ISO 14001 Certification

- **International Standard for Environmental Management Systems**
- **17 Elements that must be met**
- **First is establishing an Environmental Policy**
- **The Policy must meet the ISO 14001 Standard**
- **Requires adoption by Board of Trustees**



Environmental Policy Standard

- **Appropriate for the nature, scale and environmental impacts of our business**
- **Commitment to continuous improvement and prevention of pollution**
- **Commitment to comply with legal and other requirements related to environmental aspects**



Environmental Policy Standard

Continued:

- **Framework for setting and reviewing environmental objectives and targets**
- **Documented, implemented and maintained**
- **Communicated to all persons working for and behalf of organization**
- **Available to the public**



Proposed Environmental Policy

- **Styled the Policy similar the Board's Policy Statement and Commitment on Sustainability adopted on September 21, 2010**
- **Reviewed model policies from Foothills Transit and Sound Transit**
- **Included all of the ISO 14001 Standard requirements into the proposed policy**
- **Provided copy in Board Committee Package**



Recommendation

- **Requesting that the Planning & Development Committee approve moving the proposed Environmental Policy Statement and Commitment to the full Board for action at its October 22, 2013 meeting.**



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