

Brookpark Station Demolition

Greater Cleveland Regional Transit Authority











Environmental & Sustainability Management System (ESMS)

Planning & Development Committee

May 2, 2017

Greater Cleveland Regional Transit Authority



ESMS Program Update

- CBMF was pilot site and has received its ISO 14001 Certification
- Hayden and Triskett Garages are next sites to implement the program
- Staff is evaluating how to properly support the expanding program

Three Significant Aspects - CBMF

- Electricity Consumption
- Paints, Primers, & Thinners
- Spill Prevention

Five Significant Aspects - Hayden

- Waste Cardboard
- Scrap Metal
- Used Water at Wash Rack
- Water Consumption
- Diesel Consumption

Four Significant Aspects - Triskett

- Aviary Excrement Control
- Biohazard Waste
- Electricity Consumption
- Used Rags

Objects, Targets, & Programs

- Being established for all significant aspects at each District
- Baseline data has been obtained for 2016
- Training and communication programs being developed at each District
- Completion by December 31, 2017

CBMF 2016 Results

- Electricity Consumption reduced from 210,515 KWH/mo to 189,330 KWH/mo (-8.9%)
- Aerosol Paint Usage reduced from 42 cans/mo to 32 cans/mo. (-24.6%)
- Spill Prevention maintained zero spills in 2016

CBMF 2017 YTD Results

- Electricity Consumption grew from 210,515 KWH/mo to 210,922 KWH/mo (+0.2%)
- Aerosol Paint Usage reduced from 42 cans/mo to 18 cans/mo. (-57.9%)
- Spill Prevention maintained zero spills in 2017 and completed two facility training activities

Activities Since Last Update

- 53 of 64 CAR's/PAR's closed thru 3-31-17
- Safety Audit was completed on February 24, 2017 with 3 CAR's generated
- Internal Audit was completed on March 21-24, 2017 with 7 CAR's generated
- Annual Surveillance Audit for CBMF scheduled for June 4-6, 2016 by Independent ISO Auditor

Future Activities

- CBMF Core Team will be responding to remaining CAR's and Internal Audit findings
- CBMF Core Team will be transitioning to the new ISO 14001:2015 Standard after the Independent Audit is completed
- Positioning Hayden and Triskett to be ready to activate the program on January 1, 2018

Future Activities

- Management is evaluating the proper resourcing and staffing to expand the program
- Management is updating our cost-benefit analysis for the program to date
- We would like to move this to a twice a year presentation



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