

# Park 500's Sustainability Plan

## A Successful Implementation

# Facility Overview

- Tobacco Processing—Sheet forming operation
  - Similar to Paper Manufacturing
  - Over 700,000 ft<sup>2</sup> Manufacturing Area
    - Entire Facility is over 1,000,000 ft<sup>2</sup>
  - Includes Steam, Water and Wastewater Treatment
- Facility operates as part of PMUSA and Altria
- Facility has a Mature, ISO 14001 Certified EMS

# Goal (2011-2012)

- Develop a Facility Sustainability Plan for Park 500
  - Stand alone tool for driving and documenting Facility Sustainability efforts
  - Must fit with existing Facility and Corporate initiatives
  - Must dovetail into a Corporate Sustainability Plan once one is developed
- Limitations
  - Limited Resources: Personnel—no new positions
  - Span of Control (Facility, not Corporate Entity)

# Execution

- Utilize existing ISO 14001 EMS
  - Plan is documented in EMS Operational Controls
  - Use Environmental Committee to identify and rank Aspects and to prioritize Sustainability Activities
  - Significant Aspect Programs are included in Sustainability Plan when appropriate
- Reporting of results to VP level and Corporate Affairs group

# Results / Benefits



## Park 500 Sustainability Plan

- Addresses 8 Key Focus Areas
- Emphasizes Environmental and Social Elements of Triple Bottom Line
- Includes:
  - Efficiency Gains
  - Emission Monitoring and Reduction
  - Waste Reduction and Reuse
  - Land Conservation (Reforestation)
  - Educational Outreach

# Results / Benefits

- Water Use Reduction
  - Goal represents a 15% Reduction over baseline
  - Consistently Meeting and exceeding our goal
- Electricity Reduction
  - Goal represents a 5% Reduction over baseline
  - Substantially meeting our goal
  - More improvements planned
- Steam
  - Goal represents a 5% Reduction over baseline
  - Demonstrated ability to meet goal
  - Large scale improvement effort underway

# Results / Benefits

- Emissions
  - Multi-year project to replace coal with natural gas
  - Benefits from other energy efficiency improvements
- Riparian Buffer Planting
  - 1000 Trees planted by volunteer efforts
  - Expansion of planting area planned for 2013
- Beneficial Reuse and Waste Reduction
  - Facility maintains a 95%+ R/R rate → **“ZERO LANDFILL”**
- Educational Outreach
  - Developed educational program through collaboration with VCU
  - Expanded reach with *Teach the Teacher* program

# Contact Information



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