

YOU'VE GOT

# ENVIRONMENTAL PROBLEMS TO SOLVE?

WE'VE GOT SOLUTIONS.

THE ENVIRONMENTAL QUALITY COMPANY



Driving Sustainable Automotive  
Manufacturing:  
Challenges to  
Achieving and Maintaining  
Landfill Free Status



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# TOPICS

1. Cost
2. Geography
3. Supplier Network
4. Communication
5. Regulatory Constraints / Legacy Issues
6. Project Work

# COST

- Major Impact to Plant Budgets
- Volumes at Some Locations Too Low for Value
  - Pallets, plastics, cardboard
  - Handling fees
- Complex, High Volume Waste Streams
- High Cost Alternatives

# GEOGRAPHY

- Facilities in Remote Locations
- Distant from Major Markets / Metropolitan Areas
- Transportation Costs
- Costs for Alternatives

# SUPPLIER NETWORK

- EQ and GM Approved Vendor Lists
- Supplier Audits
- Sham Recycling
- Complex Waste Streams
- Plan B
  - Costs
  - Alternatives Don't Always Exist

# COMMUNICATION

- Support Must Come From the Top
  - Upper Management is key to success, and every member of the plant must participate
- Deliver Message to All Levels of Plant Personnel
  - Shared Ownership and Enthusiasm
  - Visual Aids
- Adequate Preparation
- Notification to Supplier Network
- Plan B
- Maintenance
- Non Conforming Loads

# REGULATORY / LEGACY ISSUES

- Hazardous Wastes and PCBs
- Limited Alternatives
- Speculative Accumulation

# PROJECTS

- Routine Projects and Maintenance Activities Are Not Exempt
- Non-Baseline Event Work Cannot be Overlooked in Planning Stages
  - Unexpected costs can be significant

# OPEN DISCUSSION

Thank you!