Marcus Roach – Onsite Manager
Current GEC personnel onsite: 25
Proposed estimate from Customer for 2012: 33
Overview

With Gruene Plant Services (GPS) we allow you, the customer, to focus on your core competencies and let us manage your waste, recycling and remediation project work with your best interests in mind. GPS is the only one stop shop for all of your Hazardous, Non-Hazardous Waste handling, remediation and recycling as well as confined space entry work. GPS is continuously negotiating with vendors and identifying ways to remove waste streams out of RCRA and into beneficial re-use programs. GPS can save you money due to the fact that we are putting higher volumes of waste through strategically identified vendors. GPS’s beneficial re-use program is second to none and we consistently are able to give higher rebates back to customers than they are currently able to obtain through other vendors or going direct to the recycle outlets themselves.

NOTHING IS MORE IMPORTANT THAN SAFETY
NOT PROFITS
NOT PRODUCTION
WHY GEC?

- Enables Samsung Austin Semiconductor to focus on their “Core” business and allow GEC to manage and focus on non-core business
- GEC’s people are our product, current management team on site since 2007
- GEC’s outstanding track record of resource/vendor management
- A non-biased approach to material management
- Expertise in local/national market recycling, beneficial reuse, and waste disposal
- Innovation in customizing labor force and flexibility to meet Samsung’s ever changing needs, at a cost savings to Samsung
- EH&S expertise
- Invoicing on site that is tailored to meet Samsung’s needs and time lines
- GEC has completed over 20 projects outside of the scope of the on site services contract which included confined space entry, tank/vessel cleaning, several clean up/neutralization projects with it’s own personnel and have met all of the timelines and expectations of Samsung
**BENEFITS**

- *cost per unit savings*
- **LABOR FORCE OPTIMIZATION**
- *focus on core functions*
- **ZERO WASTE TO LANDFILLS**
- **SECURITY 24/7/365**

...non-core functions we are managing for our valuable partners every day...

- Recycling
- Sourcing
- Vendor Management
- Waste Management
- Chemical Procurement
- Inventory Management
- Hazmat & Safety Training
What we do?
### Recycling

<table>
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<tr>
<th></th>
<th>Ferrous Metal</th>
<th>Non-Ferrous Metal</th>
<th>Wood</th>
<th>Slurry Bottles</th>
<th>HDPE</th>
<th>Wafer Boats</th>
<th>PBT parts</th>
<th>Plastic Pallets</th>
<th>Electronic Scrap</th>
<th>Cardboard</th>
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<tbody>
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</table>
The manifest log is maintained daily. Tracking for hazardous waste shipments as well as Class 1 and Universal Waste are also tracked here.
2012 Projects

• Solvent Rag Spinning
  – Waste Reduction of 5 drums to 1
  – Lower cost, still working numbers
  – Send spent rags non-hazardous

• Cardboard Baler
  – Increase recycle rate by 8:1
  – Can handle all on site cardboard needs and provide rebate
  – Safety

• AZ Spinfil
  – Alternate vendors in bulk
  – Price reduction

• Beneficial Re-use opportunities
  – Photo Resist
  – Stripper/IPA
Questions?