



**Solid Waste Division**

**Office: (864) 243-9672**

**Fax: (864) 243-5276**

**[www.greenvillecounty.org](http://www.greenvillecounty.org)**

## **FY27 Solid Waste Grant Application**

1. Greenville County Solid Waste Division
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Joseph Kernell, County Administrator, 301 University Ridge Suite N-4000. Greenville, SC 29601 (864) 467-7105 [Jkernell@greenvillecounty.org](mailto:Jkernell@greenvillecounty.org)
3. We intend to use this grant funding to finish the cardboard baler refurbishment project that was started in FY26. We will be able to have the work completed and purchase the awning cover with existing funds but we will need to purchase a CT cabinet and have some electrical upgrades preformed before we can put it in service. Remaining grant funds will be used to purchase and install a new polyethylene cover for our E-Waste Aggregation Facility. After these items are complete, if any grant funds remain we will purchase a cardboard collection container that will be use to collect recyclable cardboard from our residential drop off area at Twin Chimneys Landfill and transported to the newly refurbished baler.
4. This project will target cardboard and electronics from our internal operations as well as public drop off located on site. The source will be a combination of residential and government office/agency.
5. This project is in the planning stage.



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6. Currently, our E-Waste aggregation area is a large polyethylene Quonset hut style building to keep material and employees out of the elements. Our E-Waste employees' sort, stack, wrap and ship our collected E-Waste in this building and the cover is approaching its end of life. Holes have started to form letting light and water in. the metal framing is still in good shape so it is just the cover we are requesting. Additionally, finishing the cardboard baler project would allow us to capture the large amount of cardboard that comes into our E-Waste facility.
7. E- Waste would continue to be captured in the same way it is currently which includes sorting and preparing it for transport to Synergy Recycling for processing. Cardboard would be diverted from the landfill into a baler so it can be sent to an end user.
8. Synergy Recycling is already under contract with the County for E-Waste processing and Recycling. Pratt Industries would be our ideal vendor for cardboard bales.
9. Since most of this project will be internal, we will not do a lot of promotion.
10. The total budget for this project is described below:
  - CT Cabinet and electrical work (\$5,000 total)
  - 14oz, 23mil Polyethylene Fabric with Industrial Welded Seams (\$5,000 total)
  - Electrical upgrade work from Duke Energy (\$5,000 total)
  - **Total: \$15,000**
11. Any shortfall in funding will be covered by Greenville County Solid Waste Division
12. The current amount of E-Waste collected at the facility is approximately ?? tons a year. The current amount of cardboard being recycled at this facility is 0.
13. We expect to collect the same amount of E-Waste but divert up to 40 tons of cardboard a year from the landfill.
14. Currently, all waste from the E-Waste Aggregation area is collected in a 30-yard roll-off container that is emptied every few weeks. We estimate that 1/3 of that container is cardboard. At our public collection area, we estimate that approximately 8 yards of cardboard per week is left as "overflow". While we do not have weights on either of these streams it is estimated to make up 40 tons/year.



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County owned baler



Current E-Waste sorting building