

Solid Waste Recycling and Improvement

Physical Plant Improvements

Convenience Centers

- Closure of Blair Convenience Center in January 2013 due to redundant service.
- Used Oil and Antifreeze Grant made available by TDEC was utilized in 2013 to place used oil and antifreeze collection sites at convenience centers.
- Solar compactor installed at Orchard View. Originally for garbage the compactor is now used for cardboard.
- Recycling containers purchased in 2015 were obtained through TDEC grant money to help the increase of recyclables.
- Most centers have new attendant buildings, the latest being installed at South 58 in 2015 and Pumphouse of August of 2017.
- Compactors have been installed at every convenience center except for Glen Alice Center. The last compactor installed was at the Pumphouse Center in June 2017.

Recycling Center

- 2012 – 2016 Recycled materials increase 89.74%
- In November of 2013 a grant was received from TDEC (\$265,000.00) for purchasing a larger baler and to upgrade the storage area for recycled products. The county added an additional \$100,000.00 to complete the project.
- Recycling trailers were purchased in 2014 and donated to the County's four cities which are spokes to our Hub and Spoke project. to increase recycling participation. Project cost was \$72,000.00.
- Roane County also purchased a new sorting line in January of 2015 to make operations more efficient. The sorting line total cost is \$103,000.000. The equipment was purchased with the help of a Recycle Equipment Grant from TDEC \$25,000.00 for a total of \$78,000.00 expenditure of county funds.
- Third compactor installed at Recycling Center needed for garbage increase. The extra compactor decreases driver time and transportation cost. Total cost to county was \$38,882.00
- New truck scales installed June 2017. Total project cost \$75,963.00. This purchase was made available through a 50/50 matching Equipment Grant through TDEC.

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Focuses for next 12 – 24 months

Convenience Centers

- Refurbish old compactor from Recycling Center and place at Glen Alice Convenience Center.
- Remaining centers that do not have updated attendant buildings will be replaced or repaired.
- Concrete work to be completed at Pumphouse and Post Oak Centers.
- Fence and gate repairs needed at Paint Rock and Orchard View centers.
- Sheds to cover compactors for year round weather situations.
- Cameras to be installed at every convenience center.
- Expansion of Blue Springs Center.

Recycling Center

- 2017 – 2018 Relocate and expand position of loading dock area to reduce traffic congestion and improve safety.
- 2017-2018 Reorient tire trailers to increase visibility for operators and to improve access to drop off area.
- 2018 – 2019 Maintenance Building/ storage to side of brush area.
- 2019 – 2020 Upgrade metal and construction drop-off area.
- 2019 – 2020 Research options for hydraulic oil filtration system for use at the Recycling Center.