

Solid Waste

Green Box Collection Sites Removal/Phase-out



Current Vehicles

Mileage

Condition

1994 Peterbilt Front Loader

315,295

Poor

1999 Volvo Front Loader

285,850

Poor (Spare Truck)

2006 Mack Front Loader

293,052

Semi-Poor

1996 Volvo Front Loader

Unknown

Burnt Wiring Harness (Scrapped)

Issues: High Maintenance Costs/Poor Condition of Trucks/Age of Trucks
Scarcity of available parts
Distances between collection points
Replacement Costs per truck: \$250,000

Vehicle Costs

Average Mileage Per Month	4,700
Annual Mileage Per Year	56,400
Average Monthly Fuel Consumption	1,188 gallons
Annual Fuel Consumption	14,256 gallons
Annual Fuel Costs (14,256 x \$1.63)	\$23,238
Average Miles Per Gallon	3.8 miles
Average Annual Maintenance Costs	\$42,203
Annual Tire Cost Per Truck	\$12,900
Total Funds Budgeted For Maintenance	\$181,939

Operational Costs

Employee Salaries & Fringe Benefits	95,025
Annual Fuel Costs	23,238
Annual Vehicle Maintenance Costs (16/17)	43,000
Annual Tire Costs	25,800
Vehicle Insurance Costs (estimated)	5,000
Contribution to Schools for Collection	27,000
Overtime Costs	7,500
Part-Time Costs	7,500
Total Costs	\$234,063

*Does not include mechanic's time to keep trucks running

Average Cost Per Mile \$4.15

Average Stops Per Month 572

Average Stops Per Year 6,864

Average Cost Per Stop \$34.10

Total Number of Locations

	<u># Locations</u>	<u># Boxes</u>
School System	20	43
Other Locations	<u>41</u>	<u>132</u>
Totals	61	175

Schedule for Removal of Boxes

A. Currently under notice (sign posted on site/on county website)

Dan River District/Mount Tabor Compactor Site

Highway 713 5 boxes

Highway 715 3 boxes

Old Keeling Post Office 5 boxes

13 boxes

B. Phase II Removal

Callands-Gretna District/Callands Compactor Site

Gibson Bus Stop 1 box

Amos Farms 2 boxes

Church 1 box

Sammy Reynolds 1 box

Banister District

Halifax County Line HWY 57 3 boxes

8 boxes

Other Locations Reduced to 111 boxes / 53 locations

C. Phase 3 Removal

Schools assume responsibility for service – July 1

D. Future Plans

Continue to identify boxes for removal

Develop timetable for 2 additional compactor sites

Determine tipping point

When is it more cost effective for contract collections

Try to survive with existing equipment

Eventual elimination of all green boxes within compactor radius