



City of Cleveland Heights

Refuse & Recycling Task Force

Current Operational Costs/Cost of Automation

Thursday, July 11, 2019

Current Method of Collection

Annual Cost

Total estimated annual operating cost = \$3.4 Million

Resident landfill fee annual cost subsidy = \$2.2 Million

Net Cost = \$1.2 Million

Cost for Conversion to Automation

Description of Replacement Vehicle	Estimated Purchase Price (\$)	Anticipated Useful Life of Replacement Asset (Years) ¹	Annual Amortization Cost
Replacement Transfer Station Semi Trailer	\$67,000.00	10	\$6,700.00
Replacement Automated Refuse Collection Truck	\$352,120.00	10	\$35,212.00
Replacement Transfer Station Semi Tractor	\$133,000.00	10	\$13,300.00
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Automated Refuse Collection - Retrofit Conversion	\$40,000.00	5	\$8,000.00
Automated Refuse Collection - Retrofit Conversion	\$40,000.00	6	\$6,666.67
14,700 - 95 Gallon Refuse Carts	\$808,500.00	10	\$80,850.00
300 - 65 Gallon Refuse Carts ²	\$15,000.00	10	\$1,500.00
15,000 - 65 Gallon Recycling Carts	\$825,000.00	10	\$82,500.00
	\$4,374,220.00		\$444,088.67



Thank you