

Model TCG - DA1000 Implementation

Customer per day: 400

Two (2) Model DA1000 Compactors

Existing Program

With TCG-DA-1000 Compactors

Cost		
Trash Bags	Assumption	Total
Container #1	6	
Container #2	6	
Cost per bag	\$ 0.12	
Bag cost per day	\$ 1.44	
Bags per year	4380	
Annual Bag Cost		\$ 525.60
Labor		
Time to empty (minutes)	5	
Wage rate per hour	\$ 7.50	
Labor cost per day	\$ 7.50	
		\$ 2,737.50
Waste Removal		
Size of bag	2	
Cu Ft of bags per day	24	
3 Yd dumpster	81	
Bags per dumpster	40.5	
Bags/Dumpster @ 85%	34	
Pick ups per week	4	
Cost per trip	\$ 47.00	
Pick ups per year	208	
Annual Cost		\$ 9,776.00
Total Annual Costs		\$ 13,039.10

Cost		
Trash Bags	Assumption	Total
Container #1	1	
Container #2	1	
Cost per bag	\$ 0.60	
Bag cost per day	\$ 1.20	
Bags per year	730	
Annual Bag Cost		\$ 438.00
Labor		
Time to empty (minutes)	10	
Wage rate per hour	\$ 7.50	
Labor cost per day	\$ 1.25	
		\$ 912.50
Waste Removal		
Size of bag	2.2	
Cu Ft of bags per day	4.4	
3 Yd dumpster	81	
Bags per dumpster	24.55	
Bags/Dumpster @ 85%	21	
Pick ups per week	1	
Cost per trip	\$ 47.00	
Pick ups per year	52	
Annual Cost		\$ 2,444.00
Total Annual Costs		\$ 3,794.50 Using

Sample Savings

Total Annual Savings **\$ 9,244.60**

Return On Investment **14 Months**

3 Year Return on Investment **\$ 16,742.00**