

2014-15 Residential Development Tax Rate Analysis

Single-Family Homes Residential Development

Every 3,600 homes requires adding one new weekly assignment
 Each new weekly assignment requires 1.2 ASL collection vehicles
 Each new home requires:
 one 90-gallon black trash barrel,
 one 90-gallon blue recycle barrel,
 and one 28-quart in-home recycle container

Costs per 3,600 homes:

Cost for one ASL collection vehicle	\$294,994	
Times 1.2 vehicles per weekly assignment	<u>1.2</u>	
Vehicle cost per new weekly assignment		\$353,993

Container Costs per Home

One 90-Gallon Black Barrel	\$46.58	
One 90-Gallon Blue Barrel	\$46.58	
Blue Barrel In-Mold Label	\$1.60	
28-Quart In-Home Container	<u>\$4.25</u>	
Total Cost per Home		\$99.01
Times Number of Homes	<u>3,600</u>	
Container Costs per new weekly assignment		\$356,436

Total Development Costs per new weekly assignment	\$710,429	
Divided by Homes per weekly assignment	<u>3,600</u>	
Total Residential Development Cost per Home		\$197.34

Current Residential Development Tax per Home		\$185.00
--	--	-----------------

Recommendation: Increase for 2014-15 for Single-Family Homes to \$197.00

Multi-Family Residential Development Tax

Every 10,152 new units/spaces requires adding one weekly assignment
 Each new weekly assignment requires 1.2 Front-load collection vehicles
 Each new weekly assignment requires 423, 6-Yard Trash Bins

Costs per 10,152 units:

Cost for one Front-load collection vehicle	\$270,990	
Times 1.2 vehicles per weekly assignment	<u>1.2</u>	
Vehicle cost per new weekly assignment		\$325,188

6-Yard Trash Bins per weekly assignment	423	
Cost per 6-Yard Trash Bin	<u>\$710.00</u>	
6-Yard Trash Bin Costs per new weekly assignment		\$300,330

Total Development Cost per new weekly assignment	\$625,518	
Divided by Number of Units per weekly assignment	<u>10,152</u>	
Total Residential Development Cost per Multi-Family Unit		\$61.62

Current Residential Development Tax per Multi-Family Unit		\$62.00
---	--	----------------

Recommendation: No Increase for 2014-15 for Multi-Family Units

Prepared by:

Ray Froehlich
 Operations Research Analyst
 Solid Waste Management Department
 February 5, 2014