

**Solid Waste Enterprise Fund (0072)**  
**Incremental Budget - Single Stream W/Incentive System**  
**Weekly Collection**

	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15	5 year NPV
<b>RETURN TO FUND BALANCE</b>						
Dumpster Commercial Recycling	\$ 6,924	\$ 24,181	\$ 30,567	\$ 31,500	\$ 31,500	\$107,246.82
Curb-Cart Recycling	\$ (246,539)	\$ 409,510	\$ 456,134	\$ 513,271	\$ 271,952	\$1,187,423.38
Infrastructure Capital Recovery	\$ 182,967	\$ 191,616	\$ 489,388	\$ 501,072	\$ 492,760	\$1,595,000.44
<b>TOTAL RETURN</b>	\$ (56,648)	\$ 625,308	\$ 976,088	\$ 1,045,842	\$ 796,211	\$2,889,670.65
<b>DEDUCT CAPITAL UTILIZATION</b>	\$ 4,761,206	\$ 19,313	\$ (3,863)	\$ -	\$ -	\$4,570,478.33
<b>NET RETURN TO FUND BALANCE</b>	\$ (4,817,854)	\$ (4,211,858)	\$ (3,231,908)	\$ (2,186,066)	\$ (1,389,855)	(\$1,680,807.68)
<b>Curb-Cart Recycling</b>						
Return to Fund Balance	\$ (246,539)	\$ 409,510	\$ 456,134	\$ 513,271	\$ 271,952	\$1,187,423.38
Deduct Capital Utilization	\$ (20,394)	\$ 19,313	\$ (3,863)	\$ -	\$ -	(\$5,215.45)
Net Return to Fund Balance	\$ (226,145)	\$ 164,053	\$ 624,049	\$ 1,137,319	\$ 1,409,271	\$1,192,638.83
<b>Dumpster Commercial Recycling</b>						
Return to Fund Balance	\$ 6,924	\$ 24,181	\$ 30,567	\$ 31,500	\$ 31,500	\$107,246.82
Deduct Capital Utilization	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
Net Return to Fund Balance	\$ 6,924	\$ 31,106	\$ 61,672	\$ 93,172	\$ 124,672	\$107,246.82
<b>Infrastructure Capital Recovery</b>						
Return to Fund Balance	\$ 182,967	\$ 191,616	\$ 489,388	\$ 501,072	\$ 492,760	\$1,595,000.44
Deduct Capital Utilization	\$ 4,781,600	\$ -	\$ -	\$ -	\$ -	\$4,575,693.78
Net Return to Fund Balance	\$ (4,598,633)	\$ (4,407,017)	\$ (3,917,629)	\$ (3,416,557)	\$ (2,923,798)	(\$2,980,693.34)
<b>Diversion Rate</b>	<b>51.85%</b>	<b>68.73%</b>	<b>71.94%</b>	<b>71.94%</b>	<b>71.94%</b>	

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**Weekly Collection**

	Projected FY 10/11	Projected FY 11/12	Projected FY 12/13	Projected FY 13/14	Projected FY 14/15	Notes
<b>REVENUES</b>						
Solid Waste Millage	\$ -	\$ -	\$ -	\$ -	\$ -	
Fees & Charges	\$ 337,220	\$ 690,517	\$ 1,231,127	\$ 1,104,502	\$ 959,841	1,2
Investment Income	\$ -	\$ (168,625)	\$ (147,415)	\$ (113,117)	\$ (80,163)	3
Transfer from Fund Balance	\$ 4,761,206	\$ 19,313	\$ (3,863)	\$ -	\$ -	4
<b>TOTAL REVENUES</b>	<b>\$ 5,086,943</b>	<b>\$ 525,071</b>	<b>\$ 1,063,408</b>	<b>\$ 974,991</b>	<b>\$ 863,284</b>	
<b>EXPENDITURES</b>						
Administration	\$ -	\$ -	\$ -	\$ -	\$ -	
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	
Waste Collection	\$ -	\$ (150,000)	\$ (154,500)	\$ (159,135)	\$ (163,909)	5
Living Wage	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital	\$ 4,761,206	\$ 19,313	\$ (3,863)	\$ -	\$ -	6
Material Recovery	\$ 184,094	\$ 174,011	\$ 211,697	\$ 204,190	\$ 199,928	7
Compost	\$ -	\$ -	\$ -	\$ -	\$ -	
Landfill and Transfer	\$ (128,947)	\$ (185,381)	\$ (195,660)	\$ (200,421)	\$ (206,351)	8
Customer Service	\$ 43	\$ 86	\$ 98	\$ 101	\$ 101	9
Systems Planning	\$ 111	\$ 221	\$ 252	\$ 259	\$ 259	10
Municipal Service Charge	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt-Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	
Inc. in Fleet as we buy in	\$ 288,000	\$ -	\$ 160,000	\$ -	\$ 115,000	11
Depreciation	\$ 429,358	\$ 653,214	\$ 681,380	\$ 696,005	\$ 733,895	12
<b>TOTAL EXPENDITURES</b>	<b>\$ 5,523,164</b>	<b>\$ 496,846</b>	<b>\$ 684,654</b>	<b>\$ 526,295</b>	<b>\$ 664,219</b>	
Budget Balance (Deficit)	\$ (436,222)	\$ 28,224	\$ 378,754	\$ 448,696	\$ 199,065	
Fully Funded Depreciation	\$ 379,574	\$ 597,083	\$ 597,333	\$ 597,146	\$ 597,146	13
Return to Fund Balance	\$ (56,648)	\$ 625,308	\$ 976,088	\$ 1,045,842	\$ 796,211	
<b>Balance of Available Operating Funds:</b>						
At Beginning of Fiscal Year	\$ -	\$ (4,817,854)	\$ (4,211,858)	\$ (3,231,908)	\$ (2,186,066)	
Capital Utilized from Reserves	\$ 4,761,206	\$ 19,313	\$ (3,863)	\$ -	\$ -	4
At End of Fiscal Year	\$ (4,817,854)	\$ (4,211,858)	\$ (3,231,908)	\$ (2,186,066)	\$ (1,389,855)	
Target Available Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -	
Funds available for Capital from Reserves	\$ (4,817,854)	\$ (4,211,858)	\$ (3,231,908)	\$ (2,186,066)	\$ (1,389,855)	
Reserved Capital Funds Available	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Assumptions:</b>						
Revenue & Living Wage Escalation F	1	1.04	Admin Fee %	16.3%		
Expenditure Escalation Factor	1	0.15				

**Assumptions for Incorporating Incremental Costs for This Program**

Notes 1 through 13: See Incremental Cost/Savings Sub-Schedules

Curb-Cart Recycling Budget  
Dumpster Recycling Budget  
Infrastructure Capital Recovery Budget

**Solid Waste Enterprise Fund (0072)**  
**Incremental Budget - Single Stream W/Incentive System**  
**Weekly Collection**

	Projected FY 10/11	Projected FY 11/12	Projected FY 12/13	Projected FY 13/14	Projected FY 14/15	Notes
<b>REVENUES</b>						
Solid Waste Millage	\$ -	\$ -	\$ -	\$ -	\$ -	
Fees & Charges	\$ 144,242	\$ 307,905	\$ 551,087	\$ 429,906	\$ 311,095	1,2
Investment Income	\$ -	\$ (7,915)	\$ 5,742	\$ 21,842	\$ 37,258	3
Transfer from Fund Balance	\$ (20,394)	\$ 19,313	\$ (3,863)	\$ -	\$ -	
<b>TOTAL REVENUES</b>	<b>\$ 113,146</b>	<b>\$ 304,686</b>	<b>\$ 538,214</b>	<b>\$ 437,043</b>	<b>\$ 333,648</b>	<b>4</b>
<b>EXPENDITURES</b>						
Administration	\$ -	\$ -	\$ -	\$ -	\$ -	
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	
Waste Collection	\$ -	\$ (150,000.00)	\$ (154,500.00)	\$ (159,135.00)	\$ (163,909.05)	5
Living Wage	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital	\$ (20,394.00)	\$ 19,312.50	\$ (3,863)	\$ -	\$ -	6
Material Recovery	\$ 179,272	\$ 164,399	\$ 200,699	\$ 192,887	\$ 188,625	7,8
Compost	\$ -	\$ -	\$ -	\$ -	\$ -	
Landfill and Transfer	\$ (126,276)	\$ (180,049)	\$ (189,550)	\$ (194,134)	\$ (200,064)	9
Customer Service	\$ -	\$ -	\$ -	\$ -	\$ -	
Systems Planning	\$ -	\$ -	\$ -	\$ -	\$ -	
Municipal Service Charge	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt-Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	
Inc. in Fleet as we buy in	\$ 288,000	\$ -	\$ 160,000	\$ -	\$ 115,000	10
Fleet Fund Payments	\$ 46,228	\$ 48,921	\$ 77,087	\$ 91,712	\$ 129,602	11,12
<b>TOTAL EXPENDITURES</b>	<b>\$ 356,129</b>	<b>\$ (112,034)</b>	<b>\$ 75,121</b>	<b>\$ (83,375)</b>	<b>\$ 54,549</b>	
Budget Balance (Deficit)	\$ (242,983)	\$ 416,720	\$ 463,093	\$ 520,418	\$ 279,099	
Fully Funded Depreciation	\$ (3,556)	\$ (7,210)	\$ (6,960)	\$ (7,147)	\$ (7,147)	13
Return to Fund Balance	\$ (246,539)	\$ 409,510	\$ 456,134	\$ 513,271	\$ 271,952	
<b>Balance of Available Operating Funds:</b>						
At Beginning of Fiscal Year	\$ -	\$ (226,145)	\$ 164,053	\$ 624,049	\$ 1,137,319	
Capital Utilized from Reserves	\$ (20,394)	\$ 19,313	\$ (3,863)	\$ -	\$ -	
At End of Fiscal Year	\$ (226,145)	\$ 164,053	\$ 624,049	\$ 1,137,319	\$ 1,409,271	
Target Available Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -	
Funds available for Capital from Reserve	\$ (226,145)	\$ 164,053	\$ 624,049	\$ 1,137,319	\$ 1,409,271	
Reserved Capital Funds Available	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Assumptions:</b>						
Revenue &	1.03	Admin Fee %				
Expenditur	1.03					

**Assumptions for Incorporating Incremental Costs for This Program**

- 1 Includes FCR revenue share for recyclables
- 2 Includes City \$2/ton Contribution to Capital Reserves for MRF Renewal
- 3 Includes 3.5% interest on additions to "Funds Available for Capital Reserves" Line from prior year
- 4 Includes transfer of funds from Capital Available from Reserves to cover capital purchases
- 5 Includes elimination of one trash route due to increased diversion beginning in FY 11/12
- 6 Includes annual capital outlay for each year from reserves for curb-cart (amortized internally in Enterprise Fund) and truck purchases (Amortized in Fleet Fund)
- 7 Includes incremental MRF tip fee for new commercial and residential tons (prior to revenue share)
- 8 Includes incremental RAA Contract Costs for Curb-Cart Collection
- 9 Includes reduced solid waste transfer station and landfill disposal tip fees for additional recycled tons
- 10 Includes buy-in costs to Fleet Fund for more expensive automated trucks
- 11 Includes incremental payments to Fleet Fund for replacement of automated trucks
- 12 Includes increase in funded depreciation for capital shown in Fully Funded Depreciation line below, doubled to account for Fleet Fund Charges for Fuel and Maintenance
- 13 Includes fully funded depreciation - adding back cash into fund balance of Enterprise Fund and Fleet Fund for depreciation changes highlighted above

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**Weekly Collection**

	Projected FY 10/11	Projected FY 11/12	Projected FY 12/13	Projected FY 13/14	Projected FY 14/15	Notes
<b>REVENUES</b>						
Solid Waste Millage	\$ -	\$ -	\$ -	\$ -	\$ -	
Fees & Charges	\$ 10,011	\$ 30,044	\$ 36,407	\$ 36,407	\$ 36,407	1,2
Investment Income	\$ -	\$ 242	\$ 1,089	\$ 2,159	\$ 2,159	3
Transfer from Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL REVENUES</b>	<b>\$ 9,229</b>	<b>\$ 28,769</b>	<b>\$ 35,806</b>	<b>\$ 36,876</b>	<b>\$ 36,876</b>	
<b>EXPENDITURES</b>						
Administration	\$ -	\$ -	\$ -	\$ -	\$ -	
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	
Waste Collection	\$ -	\$ -	\$ -	\$ -	\$ -	
Living Wage	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	
Material Recovery	\$ 4,822	\$ 9,612	\$ 10,998	\$ 11,303	\$ 11,303	4
Compost	\$ -	\$ -	\$ -	\$ -	\$ -	
Landfill and Transfer	\$ (2,671)	\$ (5,332)	\$ (6,109)	\$ (6,287)	\$ (6,287)	5
Customer Service	\$ 43	\$ 86	\$ 98	\$ 101	\$ 101	6
Systems Planning	\$ 111	\$ 221	\$ 252	\$ 259	\$ 259	7
Municipal Service Charge	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt-Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	
Inc. in Fleet as we buy in	\$ -	\$ -	\$ -	\$ -	\$ -	
Depreciation	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL EXPENDITURES</b>	<b>\$ 2,305</b>	<b>\$ 4,587</b>	<b>\$ 5,240</b>	<b>\$ 5,376</b>	<b>\$ 5,376</b>	
Budget Balance (Deficit)	\$ 6,924	\$ 24,181	\$ 30,567	\$ 31,500	\$ 31,500	
Fully Funded Depreciation	\$ -	\$ -	\$ -	\$ -	\$ -	
Return to Fund Balance	\$ 6,924	\$ 24,181	\$ 30,567	\$ 31,500	\$ 31,500	
<b>Balance of Available Operating Funds:</b>						
At Beginning of Fiscal Year	\$ -	\$ 6,924	\$ 31,106	\$ 61,672	\$ 93,172	
Capital Utilized from Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	
At End of Fiscal Year	\$ 6,924	\$ 31,106	\$ 61,672	\$ 93,172	\$ 124,672	
Target Available Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -	
Funds available for Capital from Reser	\$ 6,924	\$ 31,106	\$ 61,672	\$ 93,172	\$ 124,672	
Reserved Capital Funds Available	\$ -	\$ -	\$ -	\$ -	\$ -	

**Assumptions:**

Revenue &	1.03
Expenditur	1.03

**Assumptions for Incorporating Incremental Costs for This Program**

- 1 Includes FCR revenue share for recyclables
- 2 Includes City \$2/ton Contribution to Capital Reserves for MRF Renewal
- 3 Includes 3.5% interest on additions to "Funds Available for Capital Reserves" Line from prior year
- 4 Includes incremental MRF tip fee for commercial tons reallocated to dumpsters (prior to revenue share)
- 5 Includes reduced solid waste transfer station and landfill disposal tip fees for the reallocated commercial waste that is recycled
- 6 Includes Percentage Allocation for Customer Service Costs - either for use by Customer Service or for Contracting Out (e.g. via RAA)
- 7 Includes Percentage Allocation for Systems Planning (Staff, Supplies, Forecasting, Assessments, Outsourced Contract Management, etc.)

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**Weekly Collection**

	Projected FY 10/11	Projected FY 11/12	Projected FY 12/13	Projected FY 13/14	Projected FY 14/15	Notes
<b>REVENUES</b>						
Solid Waste Millage	\$ -	\$ -	\$ -	\$ -	\$ -	
Fees & Charges	\$ 182,967	\$ 352,568	\$ 643,633	\$ 638,189	\$ 612,339	1,2
Investment Income	\$ -	\$ (160,952)	\$ (154,246)	\$ (137,117)	\$ (119,580)	3
Transfer from Fund Balance	\$ 4,781,600	\$ -	\$ -	\$ -	\$ -	4
<b>TOTAL REVENUES</b>	<b>\$ 4,964,567</b>	<b>\$ 191,616</b>	<b>\$ 489,388</b>	<b>\$ 501,072</b>	<b>\$ 492,760</b>	
<b>EXPENDITURES</b>						
Administration	\$ -	\$ -	\$ -	\$ -	\$ -	
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	
Waste Collection	\$ -	\$ -	\$ -	\$ -	\$ -	
Living Wage	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital	\$ 4,781,600	\$ -	\$ -	\$ -	\$ -	5
Material Recovery	\$ -	\$ -	\$ -	\$ -	\$ -	
Compost	\$ -	\$ -	\$ -	\$ -	\$ -	
Landfill and Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	
Customer Service	\$ -	\$ -	\$ -	\$ -	\$ -	
Systems Planning	\$ -	\$ -	\$ -	\$ -	\$ -	
Municipal Service Charge	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt-Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	
Inc. in Fleet as we buy in	\$ -	\$ -	\$ -	\$ -	\$ -	
Depreciation	\$ 383,130	\$ 604,293	\$ 604,293	\$ 604,293	\$ 604,293	6
<b>TOTAL EXPENDITURES</b>	<b>\$ 5,164,730</b>	<b>\$ 604,293</b>	<b>\$ 604,293</b>	<b>\$ 604,293</b>	<b>\$ 604,293</b>	
Budget Balance (Deficit)	\$ (200,163)	\$ (412,677)	\$ (114,905)	\$ (103,221)	\$ (111,533)	
Fully Funded Depreciation	\$ 383,130	\$ 604,293	\$ 604,293	\$ 604,293	\$ 604,293	7
Return to Fund Balance	\$ 182,967	\$ 191,616	\$ 489,388	\$ 501,072	\$ 492,760	
Balance of Available Operating Funds:						
At Beginning of Fiscal Year	\$ -	\$ (4,598,633)	\$ (4,407,017)	\$ (3,917,629)	\$ (3,416,557)	
Capital Utilized from Reserves	\$ 4,781,600	\$ -	\$ -	\$ -	\$ -	4
At End of Fiscal Year	\$ (4,598,633)	\$ (4,407,017)	\$ (3,917,629)	\$ (3,416,557)	\$ (2,923,798)	
Target Available Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -	
Funds available for Capital from Reser	\$ (4,598,633)	\$ (4,407,017)	\$ (3,917,629)	\$ (3,416,557)	\$ (2,923,798)	
Reserved Capital Funds Available	\$ -	\$ -	\$ -	\$ -	\$ -	

**Assumptions:**

Revenue &	1.03
Expenditur	1.03

**Assumptions for Incorporating Incremental Costs for This Program**

- 1 Includes FCR revenue share for non-City recyclables (merchant tons)
- 2 Includes FCR \$4/ton Contribution to Capital Reserves for MRF Renewal
- 3 Includes 3.5% interest on subtractions from "Funds Available for Capital Reserves" Line from prior year
- 4 Includes transfer of funds from Capital Available from Reserves to cover capital purchases
- 5 Includes one time capital expenditures for MRF upgrade and cart purchase
- 6 Includes increase in funded depreciation for capital shown in Fully Funded Depreciation line below
- 7 Includes fully funded depreciation - adding back cash into fund balance of Enterprise Fund and Fleet Fund for depreciation changes highlighted above