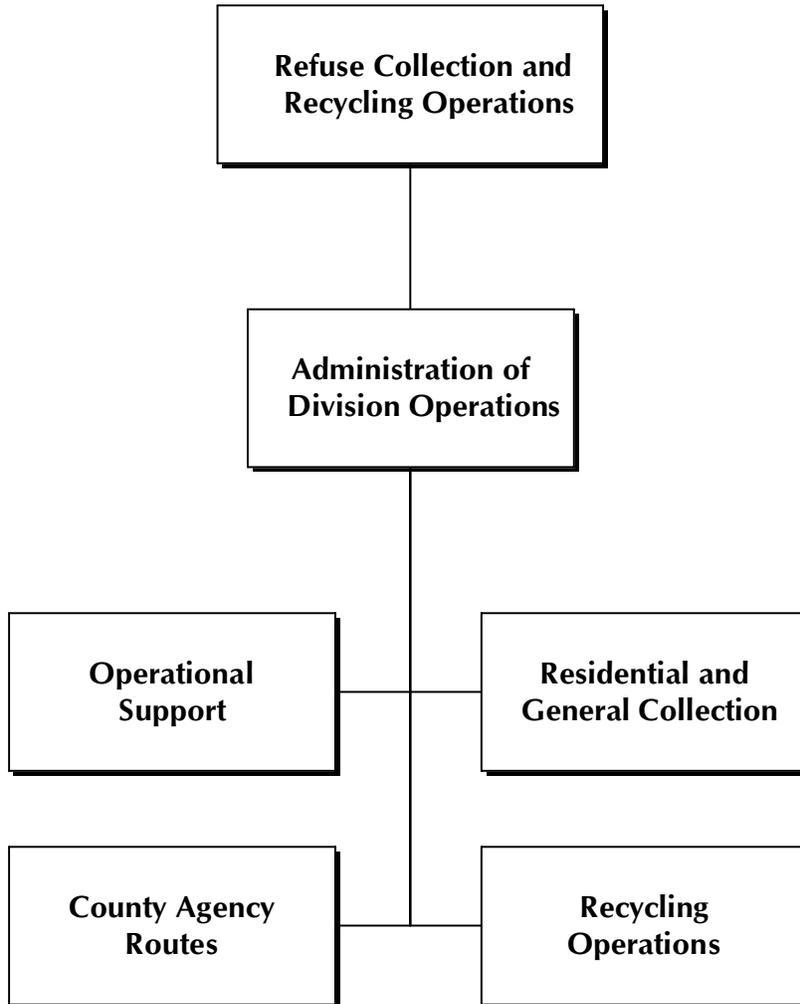


Fund 109
Refuse Collection and Recycling Operations



Fund 109

Refuse Collection and Recycling Operations

Mission

To protect Fairfax County citizens against disease, pollution, and other contamination associated with the improper disposal of refuse, by providing efficient and economical refuse collection services to citizens in 74 refuse collection sanitary districts and to Fairfax County agencies. To reduce the County's municipal solid waste stream through the effective development, implementation and management of comprehensive waste reduction and recycling programs to ensure that Fairfax County meets or exceeds the Commonwealth of Virginia's mandated goal of recycling 25.0 percent of the solid waste stream.

Focus

The Division of Solid Waste Collection and Recycling (DSWCR), (Fund 109, Refuse Collection and Recycling Operations), is responsible for the collection of refuse and recyclable materials within Fairfax County's sanitary districts and from County agencies. The agency coordinates the County's waste reduction and recycling program. It is also responsible for the administration and program operations of the Solid Waste General Fund Programs (e.g., Health Department Referrals, Community Cleanups, Evictions and Court-Ordered Cleanups) on behalf of the County.

DSWCR implemented two new programs in FY 2006 which are geared to managing oversized quantities of materials placed at the curb either by homeowners or through illegal dumping throughout the County. Both of these programs will continue into FY 2008.

The first program is entitled "Megabulk" and is intended to assist residents with the disposal of very large piles of refuse that is typically not included with normal curbside refuse collection service. This program is intended to provide customers with a convenient and cost competitive way to remove oversized piles of wastes while providing a revenue stream for the collection program. County sanitary district customers and all other County residents are provided with a cost for the service prior to collection and the resident may pay by check or credit card. This service is provided by DSWCR operational staff and is billed individually to each customer based on the size of the pile of refuse that is placed at the curb.

The second program is entitled "Clean Streets Initiative" (CSI) and serves as a partnership with the Fairfax County Health Department in responding to complaints about piles of wastes dumped at the curb or on properties throughout the County. The process involves contact by a resident to the Health Department about piles of trash that are deposited illegally at the curb. The Health Department refers the call to DSWCR where an inspector makes a site visit and determines who owns the property. If a property owner can be identified, then DSWCR contacts the person and the owner is given 10 days to remove the material. If the owner refuses to remove the waste, then DSWCR operational staff removes the material for appropriate disposal and the owner is billed for the service. If the owner still refuses to pay, then steps are taken to recover the costs from the property owner for the value of the service. Minimum costs for a CSI cleanup are \$250 and may increase due to additional materials encountered.

Residents within sanitary refuse collection districts, which are created by the Board of Supervisors upon citizen petition, are charged an annual fee for service through the semi-annual property tax collection system. From FY 2000 to FY 2004, the annual fee was maintained at an annual fee of \$210 per unit to draw down the unreserved fund balance. This balance was reduced from \$14.5 million in FY 2001 to \$5.7 million in FY 2006. Due to increasing disposal fees, rising personnel expenses and lower fund balances, the annual fee increased from \$210 to \$240 in FY 2005, \$270 in FY 2006 and \$315 in FY 2007. In FY 2008, the rate is recommended to increase by 4.8 percent to \$330 per unit as the division anticipates substantial increases in operating expenditures based on personnel adjustments, increasing disposal tipping fees, maintenance and fuel charges, and replacement equipment costs. It is anticipated that similar rate increases will be required for the next several years.

Fund 109

Refuse Collection and Recycling Operations

County Agency Routes (CAR) is responsible for the collection of refuse from County agencies and a small number of organizations associated with County agencies. Revenue is derived from billings to County agencies based on the cubic yard capacity of the containers assigned to individual agencies. The cost per cubic yard is formula-driven and is based on fiscal year operating requirements. For FY 2008, the calculated rate is \$4.54 per cubic yard, an increase of \$0.30 from the FY 2007 Adopted Budget Plan rate of \$4.24 per cubic yard. In FY 2008, the number of cubic yards collected on CAR is projected to be 286,724 cubic yards.

Recycling Operations is responsible for providing the overall management of solid waste reduction and recycling programs that are required by the County and for developing plans for future recycling programs and waste reduction systems. The goal for FY 2008 is to maintain the recycling rate in the municipal solid waste stream at or above the Commonwealth of Virginia mandated goal of 25 percent. Revenue is generated from the sale of recyclable materials (aluminum cans, newspaper, cardboard, glass and scrap metal) which serves to partially offset expenditure requirements. In addition, revenue and program support is provided by Fund 110, Refuse Disposal, through billings by Fund 109 for administration and coordination of recycling operations on behalf of Fund 110.

Agency accomplishments, new initiatives and performance measures are displayed at a program-wide level. Please refer to the Solid Waste Management Program Overview in Volume 2 of the FY 2008 Adopted Budget Plan for those items.

Budget and Staff Resources

Agency Summary					
Category	FY 2006 Actual	FY 2007 Adopted Budget Plan	FY 2007 Revised Budget Plan	FY 2008 Advertised Budget Plan	FY 2008 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	137/ 137	137/ 137	138/ 138	137/ 137	138/ 138
Expenditures:					
Personnel Services	\$7,492,677	\$8,189,477	\$8,189,477	\$8,560,867	\$8,560,867
Operating Expenses	8,268,916	9,408,656	9,693,544	9,891,661	9,891,661
Capital Equipment	332,936	1,281,000	2,637,227	2,458,000	2,458,000
Capital Projects ¹	50,209	0	509,001	225,000	225,000
Subtotal	\$16,144,738	\$18,879,133	\$21,029,249	\$21,135,528	\$21,135,528
Less:					
Recovered Costs	(\$592,848)	(\$726,913)	(\$726,913)	(\$795,296)	(\$795,296)
Total Expenditures	\$15,551,890	\$18,152,220	\$20,302,336	\$20,340,232	\$20,340,232

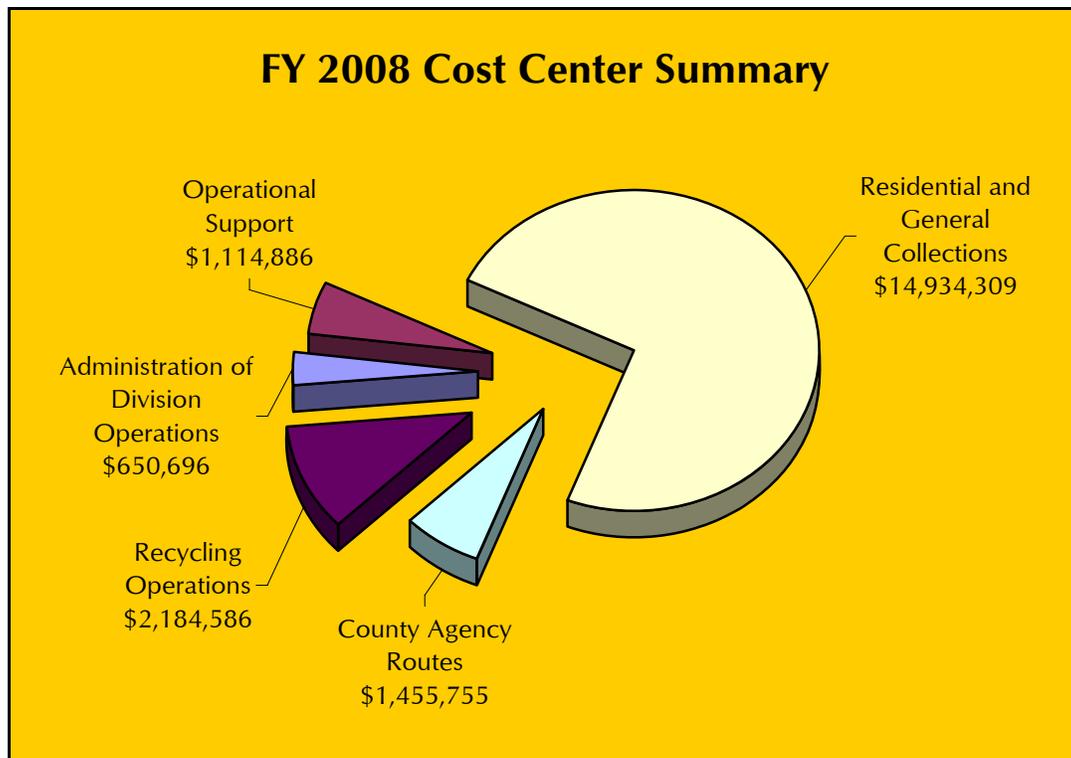
Summary By Cost Center					
Category ¹	FY 2006 Actual	FY 2007 Adopted Budget Plan	FY 2007 Revised Budget Plan	FY 2008 Advertised Budget Plan	FY 2008 Adopted Budget Plan
Administration of Division					
Operations	\$596,702	\$625,404	\$625,404	\$650,696	\$650,696
Operational Support	783,245	883,457	1,392,458	1,114,886	1,114,886
Residential and General					
Collections	11,660,100	13,171,162	14,718,477	14,934,309	14,934,309
County Agency Routes	1,127,992	1,580,953	1,580,953	1,455,755	1,455,755
Recycling Operations	1,383,851	1,891,244	1,985,044	2,184,586	2,184,586
Total Expenditures	\$15,551,890	\$18,152,220	\$20,302,336	\$20,340,232	\$20,340,232

¹ Capital Projects' expenditures are shown under the Operational Support Cost Center.

Fund 109

Refuse Collection and Recycling Operations

Position Summary		
<u>Administration of Division Operations</u> 1 Director of Refuse Collection and Recycling 1 Assistant Director/Engineer IV 1 Management Analyst III 1 Safety Analyst 1 Network/Telecommunication Analyst I 1 Engineering Technician II 3 Management Analysts II 1 Administrative Assistant IV 4 Administrative Assistants III	<u>Operational Support</u> 1 Refuse Superintendent 1 Assistant Refuse Superintendent 1 Management Analyst II 4 Administrative Assistants II 1 Welder II 1 Maintenance Trade Helper I <u>Residential and General Collections</u> 2 Management Analysts II 1 Senior Refuse Supervisor 1 Assistant Refuse Supervisor 4 Heavy Equipment Supervisors 9 Heavy Equipment Operators 30 Motor Equipment Operators 46 Maintenance Workers 1 Vehicle Maint. Coordinator 1 Maintenance Trade Helper I	<u>County Agency Routes</u> 4 Heavy Equipment Operators 1 Engineering Technician I 1 Maintenance Trade Helper II 1 Welder I <u>Recycling Operations</u> 1 Management Analyst IV 2 Management Analysts II 1 Internet/Intranet Architect I 2 Management Analysts I 1 Information Officer II 1 Heavy Equipment Supervisor 4 Heavy Equipment Operators 1 Maintenance Worker
TOTAL POSITIONS		
138 Positions / 138.0 Staff Years		



Fund 109

Refuse Collection and Recycling Operations

FY 2008 Funding Adjustments

The following funding adjustments from the FY 2007 Revised Budget Plan are necessary to support the FY 2008 program:

- ◆ **Employee Compensation** **\$303,007**
A net increase of \$303,007 due to \$371,390 in Personnel Services associated with salary adjustments necessary to support the County's compensation program partially offset by an increase of \$68,383 due to Recovered Costs adjustments to reflect increased recovery of salary costs.

- ◆ **Other Operating Adjustments** **\$158,575**
A net increase of \$158,575 in Operating Expenses increase is primarily associated with \$340,938 for increased costs for services provided by other agencies and the proposed increase in fees for disposal of solid waste, partially offset by \$182,363 in one-time expenses that were included as part of the FY 2006 Carryover Review.

- ◆ **Intergovernmental Charges** **\$142,067**
An increase of \$142,067 for Department of Vehicle Services charges is based on anticipated charges for fuel, vehicle replacement and maintenance costs.

- ◆ **Capital Equipment** **\$2,458,000**
Funding for \$2,458,000 in Capital Equipment has been included primarily for replacement of items that have outlived their useful lifespan based on age, mileage and repair costs. Of this total, \$510,000 is for the accelerated replacement of collection vehicles that will result in long-term savings due to lower maintenance costs.

Board of Supervisors' Adjustments

The following funding adjustments reflect all changes to the FY 2008 Advertised Budget Plan, as approved by the Board of Supervisors on April 30, 2007:

- ◆ The Board of Supervisors made no adjustments to this fund.

Changes to FY 2007 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2007 Revised Budget Plan since passage of the FY 2007 Adopted Budget Plan. Included are all adjustments made as part of the FY 2006 Carryover Review and all other approved changes through December 31, 2006:

- ◆ **Carryover Adjustments** **\$2,047,591**
As part of the FY 2006 Carryover Review, the Board of Supervisors approved encumbered carryover of \$1,538,590 including \$182,363 in Operating Expenses and \$1,356,227 in Capital Equipment. In addition, an amount of \$509,001 in unexpended project balances carryover was approved for the completion of the Newington Expansion.

Fund 109

Refuse Collection and Recycling Operations

The following funding adjustments reflect all approved changes to the FY 2007 Revised Budget Plan from January 1, 2007 through April 23, 2007. Included are all adjustments made as part of the FY 2007 Third Quarter Review:

- ◆ **Redirection of Position** **\$0**
The County Executive approved the redirection of 1/1.0 SYE position from Agency 23, Wastewater Management, to Fund 109, Refuse Collection and Recycling Operations, to establish an Engineering Technician position to assist with inspection and enforcement of the County's recycling of materials from businesses and schools in the County. A commensurate decrease will be reflected in Wastewater Management.

- ◆ **State Litter Grant** **\$102,525**
An increase of \$102,525 in Operating Expenses is due to the appropriation of the State Litter Grant from the Department of Environmental Quality which provides funding for litter prevention and recycling program activities. An increase of \$102,525 in Revenue is due to the receipt of these funds.

A Fund Statement, a Summary of Capital Projects and a Project Detail Sheet are provided on the following pages. The Summary of Capital Projects may include some projects without a Total Project Estimate amount. These projects are considered "continuing" projects or projects for which funding is necessary on an ongoing basis (e.g., a contingency or planning project).

Fund 109

Refuse Collection and Recycling Operations

FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 109, Refuse Collection

	FY 2006 Actual	FY 2007 Adopted Budget Plan	FY 2007 Revised Budget Plan	FY 2008 Advertised Budget Plan	FY 2008 Adopted Budget Plan
Beginning Balance	\$5,078,441	\$2,552,861	\$5,688,992	\$3,604,500	\$3,604,500
Revenue:					
Interest on Investments	\$339,416	\$103,928	\$103,928	\$171,214	\$171,214
Residential and General Collections:					
Household Levy ¹	\$11,420,903	\$13,444,515	\$13,444,515	\$14,165,910	\$14,165,910
Miscellaneous	497,369	335,909	335,909	351,186	351,186
Sale of Equipment	81,120	89,400	89,400	82,000	82,000
Subtotal	\$11,999,392	\$13,869,824	\$13,869,824	\$14,599,096	\$14,599,096
County Agency Routes:					
Miscellaneous Agencies	\$1,091,762	\$1,204,756	\$1,204,756	\$1,302,560	\$1,302,560
Sale of Equipment	48,750	0	0	0	0
Miscellaneous	129,102	158,080	158,080	166,045	166,045
Subtotal	\$1,269,614	\$1,362,836	\$1,362,836	\$1,468,605	\$1,468,605
General Fund Programs:					
Community Cleanup	\$59,632	\$59,785	\$59,785	\$60,885	\$60,885
Health Department Referrals	0	2,341	2,341	2,368	2,368
Evictions	5,927	14,380	14,380	14,575	14,575
Court Ordered/Mandated	19,550	31,819	31,819	32,628	32,628
Subtotal	\$85,109	\$108,325	\$108,325	\$110,456	\$110,456
Other Collection Revenue:					
Leaf Collection	\$486,222	\$499,246	\$499,246	\$465,067	\$465,067
Miscellaneous	0	94,328	94,328	143,959	143,959
State Litter Funds	126,362	0	102,525	0	0
Fairfax Fair	27,083	27,876	27,876	28,289	28,289
Subtotal	\$639,667	\$621,450	\$723,975	\$637,315	\$637,315
Recycling Operations:					
Program Support ²	\$1,255,603	\$1,677,506	\$1,677,506	\$1,759,204	\$1,759,204
Sale of Materials	195,065	108,192	108,192	65,763	65,763
Miscellaneous	168,575	173,258	173,258	344,085	344,085
Subtotal	\$1,619,243	\$1,958,956	\$1,958,956	\$2,169,052	\$2,169,052
Total Revenue	\$15,952,441	\$18,025,319	\$18,127,844	\$19,155,738	\$19,155,738
Transfers In:					
General Fund (001)	\$210,000	\$0	\$90,000	\$0	\$0
Total Transfer In	\$210,000	\$0	\$90,000	\$0	\$0
Total Available	\$21,240,882	\$20,578,180	\$23,906,836	\$22,760,238	\$22,760,238

Fund 109

Refuse Collection and Recycling Operations

FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 109, Refuse Collection

	FY 2006 Actual	FY 2007 Adopted Budget Plan	FY 2007 Revised Budget Plan	FY 2008 Advertised Budget Plan	FY 2008 Adopted Budget Plan
Expenditures:					
Personnel Services	\$7,492,677	\$8,189,477	\$8,189,477	\$8,560,867	\$8,560,867
Operating Expenses	8,268,916	9,408,656	9,693,544	9,891,661	9,891,661
Recovered Costs ³	(592,848)	(726,913)	(726,913)	(795,296)	(795,296)
Capital Equipment	332,936	1,281,000	2,637,227	2,458,000	2,458,000
Capital Projects	50,209	0	509,001	225,000	225,000
Total Expenditures	\$15,551,890	\$18,152,220	\$20,302,336	\$20,340,232	\$20,340,232
Total Disbursements	\$15,551,890	\$18,152,220	\$20,302,336	\$20,340,232	\$20,340,232
Ending Balance	\$5,688,992	\$2,425,960	\$3,604,500	\$2,420,006	\$2,420,006
Collection Equipment Reserve ⁴	\$969,113	\$864,773	\$864,773	\$321,325	\$321,325
Recycling Equipment Reserve	397,971	329,931	329,931	339,835	339,835
PC Replacement Reserve ⁵	28,138	46,937	46,937	46,937	46,937
Construction and Infrastructure Reserve ⁶	381,056	381,056	1,050,413	381,056	381,056
Rate Stabilization Reserve ⁷	0	500,000	1,000,000	530,853	530,853
Residential/General Equipment Reserve ⁸	0	0	0	800,000	800,000
Unreserved Balance	\$3,912,714	\$303,263	\$312,446	\$0	\$0
Levy per Household Unit	\$270/unit	\$315/Unit	\$315/unit	\$330/unit	\$330/unit

¹ The FY 2008 levy/collection fee per household unit is set at \$330 per unit. Although the Refuse Collection levy is separate and not a Real Estate Tax, it is included on and collected as part of the County's Real Estate Tax bill. This amount does not include approximately 427 units which will be billed directly by the agency.

² The estimate for Program Support is calculated using the projected level of expenditures for recycling operations as conducted in Fund 109, Refuse Collection and Recycling Operations, and offset by revenue received from the sale of recycled materials.

³ Recovered Costs represents billings to Fund 108, Leaf Collection, for its share of the total administrative costs for Agency 46, Division of Collection and Recycling. Also included is an amount billed to Fund 110, Refuse Disposal, for administrative costs for the recycling program which is coordinated by Fund 109, Refuse Collection and Recycling Operations.

⁴ Funds reserved for equipment replacement are not encumbered based on normal accounting practices but are allocated at a future date for equipment purchases. The requirements for Collection Operations are funded through the collection revenue received in Fund 109, Refuse Collection and Recycling Operations, while requirements for Recycling Operations are provided as a component of the Program Support.

⁵ The PC Replacement Reserve was established to provide funding for the timely replacement of obsolete computer equipment.

⁶ The Construction and Infrastructure Reserve has been established to begin to fund repairs necessary at the Newington Solid Waste Facility. This 20 acre facility will soon require paving and other expensive infrastructure repairs.

⁷ The Rate Stabilization Reserve has been established to set aside funds to mitigate against unusually large rate increases in future years.

⁸ The Residential/General Equipment Reserve has been established in the Residential and General Collections Cost Center to set aside funds for future equipment purchases.

Fund 109

Refuse Collection and Recycling Operations

FY 2008 Summary of Capital Projects

Fund: 109 Refuse Collection and Recycling Operations

Project #	Description	Total Project Estimate	FY 2006 Actual Expenditures	FY 2007 Revised Budget	FY 2008 Advertised Budget Plan	FY 2008 Adopted Budget Plan
109001	Newington Facility Enhancements	\$1,168,038	\$50,209.31	\$509,000.78	\$225,000	\$225,000
Total		\$1,168,038	\$50,209.31	\$509,000.78	\$225,000	\$225,000

Fund 109

Refuse Collection and Recycling Operations

109001	Newington Facility Enhancements	
6901 Allen Park Road		Mount Vernon
<p>Description and Justification: This project supports improvements and necessary maintenance of the Newington facility including building repairs, lighting and electrical system upgrades, the replacement/upgrade of the infrared heating system (including a new heating system in the storage building), waste oil heater installation and roof/skylight maintenance. This is an on-going project to conserve energy and improve the efficiency of the operations. The renovations are currently in the pre-construction phase and the construction is anticipated to begin during the second quarter of FY 2007 and be completed by fourth quarter FY 2009.</p> <p>FY 2008 includes an amount of \$225,000 as approved in the FY 2007 – FY 2011 Capital Improvement Program. Additionally, pavement maintenance will need to be performed at the facility over the next several years and the work will be done in three phases.</p>		

	Total Project Estimate	Prior Expenditures	FY 2006 Expenditures	FY 2007 Revised Budget Plan	FY 2008 Advertised Budget Plan	FY 2008 Adopted Budget Plan	Future Years
Land Acquisition	\$510,000	\$793	\$50,209	\$458,998	\$0	\$0	\$0
Design and Engineering	378,703	113,700	0	40,003	225,000	225,000	0
Construction	269,335	269,335	0	0	0	0	0
Other	10,000	0	0	10,000	0	0	0
Total	\$1,168,038	\$383,828	\$50,209	\$509,001	\$225,000	\$225,000	\$0

Source of Funding				
General Funding	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$225,000	\$225,000