

# SOLID WASTE

## ACTIVITIES

- \*Field Operations
- \*Post-Closure Operations
- \*General Program Operations
- \*Capital Construction

## DESCRIPTION

The Solid Waste Program provides for limited support for the municipal portions of franchise management for the two solid waste franchises in Grants Pass. The City now works through the Josephine County Solid Waste Agency for direct franchise administration, the development of recycling opportunities, and solid waste regulation. Historically, the City operated the Merlin Landfill which stopped accepting waste as of December 31, 2000. Under the Merlin Consent Order, entered into by the City with the DEQ, the City now directs the remediation of environmental and groundwater issues. The construction of the landfill's final cover was completed at end of 2001. The landfill has entered into its post-closure maintenance and monitoring period, which is required for at least a 30 year period.

The post-closure monitoring and maintenance of the Merlin Landfill is covered by an insurance policy from Chartis Insurance. This policy was purchased in FY'02 to cover the cost of the landfill's final cover and its post-closure monitoring and maintenance for a total coverage limit of \$13,000,000. In addition, the City purchased property damage (including natural resource damage) and bodily harm insurance policies with a total coverage limit of \$10,000,000 for the landfill.

Previously, revenues for the Solid Waste Program were generated largely from the disposal rates at the Merlin Landfill. With the closure of the landfill, that revenue source has ceased.

The primary issues in the solid waste fund involve three primary areas:

- Completion of the required remediation actions at the Merlin Landfill as contained in the final Record of Decision.
- Fuels reduction, reforestation and land management at the Merlin Landfill site.
- Compliance with the post-closure plan for the Merlin Landfill.

	ACTUAL FY'14 \$	ACTUAL FY'15 \$	BUDGET FY'16 \$	MANAGER RECOMMEND FY'17 \$	COMMITTEE APPROVED FY'17 \$	COUNCIL ADOPTED FY'17 \$	PROJECTED FY'18 \$
Program Generated Resources	<u>1,626,430</u>	<u>1,756,139</u>	<u>1,882,911</u>	<u>1,934,347</u>	<u>1,934,347</u>	<u>1,934,347</u>	<u>1,925,126</u>
<b>Total Resources</b>	<b><u>1,626,430</u></b>	<b><u>1,756,139</u></b>	<b><u>1,882,911</u></b>	<b><u>1,934,347</u></b>	<b><u>1,934,347</u></b>	<b><u>1,934,347</u></b>	<b><u>1,925,126</u></b>
Requirements							
Solid Waste Field Operations	12,974	22,707	37,370	34,821	34,821	34,821	35,431
Post-Closure Operations	22,494	56,070	155,890	156,340	156,340	156,340	156,340
Solid Waste Gen. Operations	198,102	220,485	221,803	236,432	236,432	236,432	250,601
Capital Construction	<u>1,392,860</u>	<u>1,456,877</u>	<u>1,467,848</u>	<u>1,506,754</u>	<u>1,506,754</u>	<u>1,506,754</u>	<u>1,482,754</u>
<b>Total Requirements</b>	<b><u>1,626,430</u></b>	<b><u>1,756,139</u></b>	<b><u>1,882,911</u></b>	<b><u>1,934,347</u></b>	<b><u>1,934,347</u></b>	<b><u>1,934,347</u></b>	<b><u>1,925,126</u></b>

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## **Program: Utilities/Solid Waste – Solid Waste Program**

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### **Services Delivered:**

The Solid Waste Program strives to meet the area's current and future solid waste collection needs, protect human health, welfare, and the environment.

This activity meets the goals of the City of Grants Pass Strategic Plan by providing safe and efficient management of solid waste. Operational programs within this activity include: management of franchise collection services for solid waste, environmental remediation at the Merlin Landfill, development of companion programs for recycling and hazardous waste collection, yard and leaf debris collection, administration of the open burning ordinance, and planning & development for future disposal opportunities. The program also previously accounted for a debt authorized to assist the Grants Pass/Josephine County Solid Waste Agency.

### **FY'17 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:**

#### **Maintain, Operate, and Expand our Infrastructure to Meet Community Needs**

- The Merlin Landfill is a “closed” landfill. The final Record of Decision (ROD) required the construction of a municipal water line to supply residents adjacent to the landfill site and the acquisition of limited properties. Each of these activities continues to be managed through the capital appropriation for remediation.
- The Solid Waste Program will remain responsible for assuring the ongoing monitoring of the closed Merlin Landfill. The ongoing monitoring requirements are all reimbursed by the insurance policy; however, the program must assure all required actions are completed, including ongoing groundwater monitoring, maintenance of the final cover, and the completion of all required remediation activities.

#### **Preserve and Enjoy our Natural Resources**

- Program will invest in the continued creation of a reforested site. The existing forested property is under a program for fuels reduction, for fire management, per the landfill closure plan.

## Program: Utilities/Solid Waste – Solid Waste Program

### Program Financial Summary

Resources	ACTUAL FY'14 \$	ACTUAL FY'15 \$	BUDGET FY'16 \$	MANAGER RECOMMEND FY'17 \$	COMMITTEE APPROVED FY'17 \$	COUNCIL ADOPTED FY'17 \$	PROJECTED FY'18 \$
Beginning Balance	<u>113,579</u>	<u>136,979</u>	<u>208,823</u>	<u>218,053</u>	<u>218,053</u>	<u>218,053</u>	<u>232,832</u>
Current Resources							
Activity Generated							
Burn Permits	2,720	880	2,500	2,500	2,500	2,500	2,500
Landfill Fees	79,753	115,896	155,890	156,340	156,340	156,340	156,340
Solid Waste Agency	11,000	15,000	15,000	15,000	15,000	15,000	15,000
Interest	918	1,117	650	700	700	700	700
Transfers	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Other Revenue	20,600	24,390	27,200	30,000	30,000	30,000	30,000
Capital Construction	<u>1,392,860</u>	<u>1,456,877</u>	<u>1,467,848</u>	<u>1,506,754</u>	<u>1,506,754</u>	<u>1,506,754</u>	<u>1,482,754</u>
<i>Total Current Revenues</i>	<u><i>1,512,851</i></u>	<u><i>1,619,160</i></u>	<u><i>1,674,088</i></u>	<u><i>1,716,294</i></u>	<u><i>1,716,294</i></u>	<u><i>1,716,294</i></u>	<u><i>1,692,294</i></u>
<b>Total Resources</b>	<u><b>1,626,430</b></u>	<u><b>1,756,139</b></u>	<u><b>1,882,911</b></u>	<u><b>1,934,347</b></u>	<u><b>1,934,347</b></u>	<u><b>1,934,347</b></u>	<u><b>1,925,126</b></u>

Requirements	ACTUAL FY'14 \$	ACTUAL FY'15 \$	BUDGET FY'16 \$	MANAGER RECOMMEND FY'17 \$	COMMITTEE APPROVED FY'17 \$	COUNCIL ADOPTED FY'17 \$	PROJECTED FY'18 \$
Field Operations	12,974	22,707	37,370	34,821	34,821	34,821	35,431
Post Closure Operations	74,836	91,994	141,690	142,040	142,040	142,040	142,040
Capital Construction	1,363,860	1,427,877	1,438,848	1,477,754	1,477,754	1,477,754	1,453,754
Indirect Charges	8,781	11,397	17,950	17,900	17,900	17,900	17,900
Transfers Out	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>
<i>Subtotal Expenditures</i>	<u><i>1,489,451</i></u>	<u><i>1,582,975</i></u>	<u><i>1,664,858</i></u>	<u><i>1,701,515</i></u>	<u><i>1,701,515</i></u>	<u><i>1,701,515</i></u>	<u><i>1,678,125</i></u>
Contingency	0	0	218,053	232,832	232,832	232,832	247,001
Ending Balance	<u>136,979</u>	<u>173,164</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<u><b>1,626,430</b></u>	<u><b>1,756,139</b></u>	<u><b>1,882,911</b></u>	<u><b>1,934,347</b></u>	<u><b>1,934,347</b></u>	<u><b>1,934,347</b></u>	<u><b>1,925,126</b></u>

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## Program: Utilities/Solid Waste – Field Operations

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### Services Delivered:

The activity provides for safe and efficient management of the City of Grants Pass’s portion of solid waste disposal, collection, and alternatives to disposal. The primary activities are those associated with management of the solid waste collection franchises, management of the landfill post-closure maintenance and monitoring, the oversight of work necessary on the remediation, and the administration of the limited open burning ordinance. The solid waste franchise agreements have placed the following responsibilities on the solid waste haulers: operation of the transfer stations (Republic Services and Southern Oregon Sanitation), specialty waste streams (such as household hazardous waste, etc.), recycling, and the spring and fall leaf collection opportunities.

### FY’17 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:

#### **Provide Cooperative, Shared Leadership Involving Council, Staff and Community**

##### **Objective 3: Ensure efficiency and effectiveness in City operations**

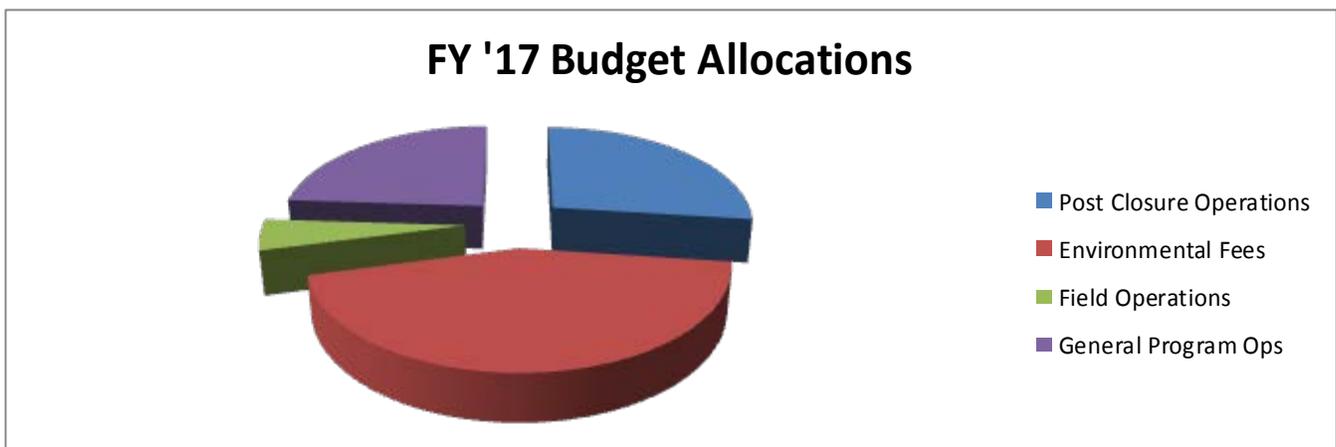
- The activity provides for the use of contracted technical and engineering consulting services to support activities for the Solid Waste Program, and activities at and around the landfill not considered part of post-closure maintenance and monitoring. It also provides for maintenance of properties adjacent to the landfill, secured by the City, in order to create the necessary buffer zone and to maintain access to our monitoring wells located on the properties.

### Budget Highlights:

The FY’17 budget reflects revenues from the beginning balance, management fees to the City of Grants Pass for Public Works administrative personnel from the Josephine County / Grants Pass Solid Waste Agency, the transfer station and former JO-GRO™ facility leases, interest on those funds, and burn permits. This activity provides for solid waste activities not associated with the landfill property itself, contracted professional services, and a contingency.

### FY’16 Activity Review:

The Merlin Landfill is in the post-closure period. The City and County created the Josephine County-City of Grants Pass Solid Waste Agency to oversee the Solid Waste Program throughout the County and City, and the City issued debt to support the solid waste post-closure activities at the Marlsan Landfill.



## Program: Utilities/Solid Waste – Field Operations

### Financial Summary

Requirements	ACTUAL FY'14 \$	ACTUAL FY'15 \$	BUDGET FY'16 \$	MANAGER RECOMMEND FY'17 \$	COMMITTEE APPROVED FY'17 \$	COUNCIL ADOPTED FY'17 \$	PROJECTED FY'18 \$
Personnel Services	10,560	17,248	18,962	18,208	18,208	18,208	18,854
Materials & Supplies	228	200	420	450	450	450	400
Contractual/Prof Services	1,304	4,323	5,276	4,951	4,951	4,951	4,965
Direct Charges	<u>882</u>	<u>936</u>	<u>12,712</u>	<u>11,212</u>	<u>11,212</u>	<u>11,212</u>	<u>11,212</u>
<b>Total Requirements</b>	<b><u>12,974</u></b>	<b><u>22,707</u></b>	<b><u>37,370</u></b>	<b><u>34,821</u></b>	<b><u>34,821</u></b>	<b><u>34,821</u></b>	<b><u>35,431</u></b>

### Personnel

	BUDGET FY'14 #	BUDGET FY'15 #	BUDGET FY'16 #	MANAGER RECOMMEND FY'17 #	COMMITTEE APPROVED FY'17 #	COUNCIL ADOPTED FY'17 #	PROJECTED FY'18 #
Public Works Director							
From: Water Treatment	0.05	0.08	0.08	0.08	0.08	0.08	0.08
Department Support Technician							
From: Water Treatment	<u>0.05</u>	<u>0.08</u>	<u>0.08</u>	<u>0.08</u>	<u>0.08</u>	<u>0.08</u>	<u>0.08</u>
<b>Total Positions</b>	<b><u>0.10</u></b>	<b><u>0.16</u></b>	<b><u>0.16</u></b>	<b><u>0.16</u></b>	<b><u>0.16</u></b>	<b><u>0.16</u></b>	<b><u>0.16</u></b>

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## **Program: Utilities/Solid Waste – Post Closure Operations**

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### **Services Delivered:**

This activity provides for the post-closure maintenance and monitoring of the Merlin Landfill and the costs reimbursed by Chartis Insurance. Activities include maintenance and monitoring of the final cover, gas collection system, leachate collection and hauling, storm water system, groundwater monitoring, and permit compliance.

### **FY'17 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:**

#### **Provide Cooperative, Shared Leadership Involving Council, Staff and Community**

##### **Objective 3: Ensure efficiency and effectiveness in City operations**

- Public Works staff from the Water Restoration Plant, Water Distribution, and Wastewater Collection Division will complete the majority of the activities, with major contracts in place for groundwater analysis and reporting.

### **Budget Highlights:**

The costs reflect the monitoring and maintenance of the landfill, to be reimbursed by Chartis, plus a contingency for any unexpected costs.

### **FY'16 Activity Review:**

The Merlin Landfill's final cover, groundwater, storm water, and gas collection system operation were monitored through this period. All of the monitoring and sample collection responsibilities are performed by staff personnel, to insure the quality of continued operations.

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**Program: Utilities/Solid Waste – Post Closure Operations**

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***Financial Summary***

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'14	FY'15	FY'16	FY'17	FY'17	FY'17	FY'18
	\$	\$	\$	\$	\$	\$	\$
Materials & Supplies	1,641	4,268	6,000	6,000	6,000	6,000	6,000
Contractual/Prof Services	50,225	66,671	98,090	97,290	97,290	97,290	97,290
Direct Charges	22,226	9,218	37,600	38,750	38,750	38,750	38,750
Capital Outlay	744	11,837	0	0	0	0	0
Indirect Charges	<u>7,484</u>	<u>9,366</u>	<u>14,200</u>	<u>14,300</u>	<u>14,300</u>	<u>14,300</u>	<u>14,300</u>
<i>Subtotal Expenditures</i>	<b><i>82,320</i></b>	<b><i>101,360</i></b>	<b><i>155,890</i></b>	<b><i>156,340</i></b>	<b><i>156,340</i></b>	<b><i>156,340</i></b>	<b><i>156,340</i></b>
Ending Balance	<u>(59,826)</u>	<u>(45,290)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<b><u>22,494</u></b>	<b><u>56,070</u></b>	<b><u>155,890</u></b>	<b><u>156,340</u></b>	<b><u>156,340</u></b>	<b><u>156,340</u></b>	<b><u>156,340</u></b>

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## Program: Utilities/Solid Waste – General Program Operations

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### Services Delivered:

This activity provides for expense which is not directly allocated to the field operations for solid waste, or for the post closure activities. The contingency is appropriated in this activity.

### Financial Summary

Requirements	ACTUAL FY'14 \$	ACTUAL FY'15 \$	BUDGET FY'16 \$	MANAGER RECOMMEND FY'17 \$	COMMITTEE APPROVED FY'17 \$	COUNCIL ADOPTED FY'17 \$	PROJECTED FY'18 \$
Indirect Charges	<u>1,297</u>	<u>2,031</u>	<u>3,750</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>
<i>Subtotal Expenditures</i>	<i><u>1,297</u></i>	<i><u>2,031</u></i>	<i><u>3,750</u></i>	<i><u>3,600</u></i>	<i><u>3,600</u></i>	<i><u>3,600</u></i>	<i><u>3,600</u></i>
Contingencies	0	0	218,053	232,832	232,832	232,832	247,001
Ending Balance	<u>196,805</u>	<u>218,454</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<b><u>198,102</u></b>	<b><u>220,485</u></b>	<b><u>221,803</u></b>	<b><u>236,432</u></b>	<b><u>236,432</u></b>	<b><u>236,432</u></b>	<b><u>250,601</u></b>

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## **Program: Utilities/Solid Waste – Capital Construction**

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### **Services Delivered:**

This activity provides for the planning, engineering, and construction of solid waste facilities.

### **FY'17 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:**

#### **Maintain, Operate and Expand Our Infrastructure to Meet Community Needs**

- This fiscal year staff will continue to implement the Record of Decision (ROD), and continue to monitor the remediation programs.

### **Budget Highlights:**

The project listing shows resources across the columns. Columns show the “Actual resources through FY’ 15”; the re-assessed resource needs of projects using current data for the “Revised FY’ 16” column, guiding our “Adopted FY’ 17” and resources estimated “Through FY’ 17”. We have “Future Years” and “Total Project” columns for each project. Refer to the Capital Budget Book for more information on individual projects.

The individual project pages describe the project, the need, future and ongoing costs, and the total project cost. The tables show when and where the money is budgeted to come from, and the expenses incurred and budgeted to incur through completion.

### **FY'16 Activity Review:**

Continued implementation of the ROD and monitoring of the remediation programs.

## Program: Utilities/Solid Waste – Capital Construction

### ACTIVE CAPITAL PROJECT RESOURCES

		Actual Through FY'15	Revised FY'16	Adopted FY'17	Total Through FY'17	Future Years	Total Project
LA0000	Miscellaneous Projects	2,334,942	0	0	2,334,942	450,000	2,784,942
LA2640	Remediation	3,283,646	0	0	3,283,646	0	3,283,646
LA4691	Clean Up Program	956,137	150,000	113,000	1,219,137	183,200	1,402,337
<b>NEW PROJECTS</b>							
LA6322	Detention Ponds Repair/Maint.	<u>0</u>	<u>0</u>	<u>50,000</u>	<u>50,000</u>	<u>0</u>	<u>50,000</u>
	<b>Total Projects</b>	<b><u>6,574,725</u></b>	<b><u>150,000</u></b>	<b><u>163,000</u></b>	<b><u>6,887,725</u></b>	<b><u>633,200</u></b>	<b><u>7,520,925</u></b>
 <b><u>CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES</u></b>							
LA6284	JO-Gro Building Inspect/Repair	<u>25,000</u>	<u>0</u>	<u>0</u>	<u>25,000</u>	<u>0</u>	<u>25,000</u>
	<b>Total Closed Projects</b>	<b><u>25,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>25,000</u></b>	<b><u>0</u></b>	<b><u>25,000</u></b>
	<b>Grand Total - All Projects</b>	<b><u>6,599,725</u></b>	<b><u>150,000</u></b>	<b><u>163,000</u></b>	<b><u>6,912,725</u></b>	<b><u>633,200</u></b>	<b><u>7,545,925</u></b>

### ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'17

		Adopted FY'17 Beginning Fund Balance	Adopted FY'17 Revenue	Adopted FY'17 Capital Outlay	Adopted FY'17 Transfers	Adopted FY'17 Appropriated Fund Balance
LA0000	Miscellaneous Projects	280,779	0	0	0	280,779
LA2640	Remediation	233,447	0	95,000	5,000	133,447
LA4691	Clean Up Program	829,528	113,000	0	24,000	918,528
<b>NEW PROJECTS</b>						
LA6322	Detention Ponds Repair/Maint.	<u>0</u>	<u>50,000</u>	<u>50,000</u>	<u>0</u>	<u>0</u>
	<b>Total Projects</b>	<b><u>1,343,754</u></b>	<b><u>163,000</u></b>	<b><u>145,000</u></b>	<b><u>29,000</u></b>	<b><u>1,332,754</u></b>

This is a summary sheet of all the Capital Projects that are discussed in detail in the Capital Budget book.

## Program: Utilities/Solid Waste – Capital Construction

### Financial Summary

	ACTUAL FY'14 \$	ACTUAL FY'15 \$	BUDGET FY'16 \$	MANAGER RECOMMEND FY'17 \$	COMMITTEE APPROVED FY'17 \$	COUNCIL ADOPTED FY'17 \$	PROJECTED FY'18 \$
Beginning Fund Balance	<u>1,276,754</u>	<u>1,293,428</u>	<u>1,304,848</u>	<u>1,343,754</u>	<u>1,343,754</u>	<u>1,343,754</u>	<u>1,332,754</u>
<b>Resources</b>							
Investment Interest	7,876	7,641	6,500	6,500	6,500	6,500	0
Interfund Interest Repayment	6,230	5,421	6,500	6,500	6,500	6,500	0
Loan Repayments	<u>102,000</u>	<u>150,387</u>	<u>150,000</u>	<u>150,000</u>	<u>150,000</u>	<u>150,000</u>	<u>150,000</u>
<i>Total Current Revenues</i>	<u><i>116,106</i></u>	<u><i>163,449</i></u>	<u><i>163,000</i></u>	<u><i>163,000</i></u>	<u><i>163,000</i></u>	<u><i>163,000</i></u>	<u><i>150,000</i></u>
<b>Total Resources</b>	<u><b>1,392,860</b></u>	<u><b>1,456,877</b></u>	<u><b>1,467,848</b></u>	<u><b>1,506,754</b></u>	<u><b>1,506,754</b></u>	<u><b>1,506,754</b></u>	<u><b>1,482,754</b></u>
<b>Requirements</b>							
Capital Outlay	70,432	84,542	95,000	145,000	145,000	145,000	95,000
Transfers Out	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>	<u>29,000</u>
<i>Subtotal Expenditures</i>	<u><i>99,432</i></u>	<u><i>113,542</i></u>	<u><i>124,000</i></u>	<u><i>174,000</i></u>	<u><i>174,000</i></u>	<u><i>174,000</i></u>	<u><i>124,000</i></u>
Appropriated Fund Balance	<u>1,293,428</u>	<u>1,343,335</u>	<u>1,343,848</u>	<u>1,332,754</u>	<u>1,332,754</u>	<u>1,332,754</u>	<u>1,358,754</u>
<b>Total Requirements</b>	<u><b>1,392,860</b></u>	<u><b>1,456,877</b></u>	<u><b>1,467,848</b></u>	<u><b>1,506,754</b></u>	<u><b>1,506,754</b></u>	<u><b>1,506,754</b></u>	<u><b>1,482,754</b></u>

