

# WASTEWATER

## ACTIVITIES

\*Wastewater Collection Services

\*Wastewater Treatment Services

\*JO-GRO™

\*Wastewater Customer Service

\*Wastewater System Debt Service

\*Wastewater – General Program

\*Wastewater – Capital Construction

## DESCRIPTION

This program includes the treatment plant, pumping stations, collection piping system, and support services systems that collectively provide wastewater services to the enterprise's customers.

	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Program Generated Resources	3,793,318	3,876,055	4,005,903	4,019,115	4,019,115	4,019,115
Capital Construction	<u>7,440,957</u>	<u>6,773,063</u>	<u>4,243,306</u>	<u>4,175,388</u>	<u>4,175,388</u>	<u>4,175,388</u>
<b>Total Resources</b>	<b><u>11,234,275</u></b>	<b><u>10,649,118</u></b>	<b><u>8,249,209</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>
Requirements						
Wastewater Collection	345,400	379,580	412,908	441,646	441,646	441,646
Wastewater Treatment	1,043,648	1,064,658	1,236,626	1,228,891	1,228,891	1,228,891
Jo Gro	518,012	424,663	625,421	435,632	435,632	435,632
Customer Services	206,237	209,941	213,594	255,517	255,517	255,517
Debt Services	43,248	192,724	172,258	495,266	495,266	495,266
General Program Operations	1,113,969	1,081,685	844,197	661,264	661,264	661,264
SRF Debt Reserve	522,804	522,804	500,899	500,899	500,899	500,899
Capital Construction	<u>7,440,957</u>	<u>6,773,063</u>	<u>4,243,306</u>	<u>4,175,388</u>	<u>4,175,388</u>	<u>4,175,388</u>
<b>Total Requirements</b>	<b><u>11,234,275</u></b>	<b><u>10,649,118</u></b>	<b><u>8,249,209</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>

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## **Program: Utilities/Wastewater Program**

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### **Mission:**

*The mission of the Wastewater Program is to meet the area's current and future wastewater collection and treatment needs, protecting human health and welfare and the environment.*

### **Services Delivered:**

The process of collection, treatment and disposal of wastewater is one of the basic functions of our City. With primary focus on Public Safety and the environment, this utility collects wastewater from customers, conveys to the City's Water Restoration Plant for treatment, and ultimately discharges a treated effluent to the Rogue River.

System goals are to protect the river, assure a healthy and safe community environment, and provide capacity for community growth and economic prosperity. At the Water Restoration Plant, the wastewater of our community is cleaned to a level that is compatible with the Rogue River into which it discharges. The wastewater program works within strict environmental standards established by the Federal Water Quality Act through the National Pollutant Discharge Elimination System (NPDES), with oversight by the Oregon Department of Environmental Quality (DEQ).

The wastewater system includes the treatment plant, co-composting, pumping stations, collection system piping, and support service systems. The utility is an enterprise fund, with all costs of the system borne by ratepayers. The budget is structured in eight (8) major activities:

Wastewater Collection Services	Debt Service
Wastewater Treatment	Debt Service Reserve
JO-GRO™ Co-composting	General Program Operations
Customer Service	Capital Improvements

This program provides services to approximately 10,000 system accounts.

### **FY'06 Anticipated Accomplishments:**

Acceptance of Water Restoration Plant capital improvements installed during FY'03 – '05 will be concluded in early FY'06. Gas blending equipment for the anaerobic digester boiler will be replaced. A second mechanical bar screen will be installed in the primary treatment system. Site landscaping improvements will be completed.

Design of the Pine/Booth/2<sup>nd</sup> Street sewer rehabilitation project will be completed with construction expected to begin before the end of the fiscal year.

New wastewater user rates and system development charges will be submitted for City Council adoption in early FY'06.

## Program: Utilities/Wastewater Program

### Program Financial Summary

Resources	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Beginning Balance	<u>289,703</u>	<u>225,264</u>	<u>51,454</u>	<u>28,416</u>	<u>28,416</u>	<u>28,416</u>
Current Resources						
Activity Generated						
Sewage Fees	2,784,588	2,825,033	3,015,000	3,032,750	3,032,750	3,032,750
Redwood Sewer District	141,225	175,773	161,000	162,000	162,000	162,000
Direct Charges	0	10,800	0	0	0	0
Interest	6,315	8,025	4,000	8,500	8,500	8,500
Other Revenue	48,029	86,451	273,550	286,550	286,550	286,550
Transfer from Sewer Fund	0	21,905	0	0	0	0
Transfer from Solid Waste	654	0	0	0	0	0
Debt Service Reserve	522,804	522,804	500,899	500,899	500,899	500,899
Capital Construction	<u>7,440,957</u>	<u>6,773,063</u>	<u>4,243,306</u>	<u>4,175,388</u>	<u>4,175,388</u>	<u>4,175,388</u>
Total Current Resources	<u>10,944,572</u>	<u>10,423,854</u>	<u>8,197,755</u>	<u>8,166,087</u>	<u>8,166,087</u>	<u>8,166,087</u>
<b>Total Resources</b>	<b><u>11,234,275</u></b>	<b><u>10,649,118</u></b>	<b><u>8,249,209</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Wastewater Collection	345,400	379,580	412,908	441,646	441,646	441,646
Wastewater Treatment	1,013,648	1,064,658	1,236,626	1,228,891	1,228,891	1,228,891
Customer Services	206,237	209,941	213,594	255,517	255,517	255,517
Jo Gro	518,012	424,663	625,421	435,632	435,632	435,632
General Program Operations	33,252	57	20,000	55,000	55,000	55,000
Contingency	0	0	200,000	250,000	250,000	250,000
Indirect Charges	161,553	181,730	195,781	232,956	232,956	232,956
Capital Construction	7,440,957	6,773,063	4,243,306	4,175,388	4,175,388	4,175,388
Debt Service	43,248	192,724	172,258	495,266	495,266	495,266
Transfers Out	723,900	848,444	400,000	100,000	100,000	100,000
Ending Balance	225,264	51,454	28,416	23,308	23,308	23,308
Debt Service Reserve	<u>522,804</u>	<u>522,804</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>
<b>Total Expenses</b>	<b><u>11,234,275</u></b>	<b><u>10,649,118</u></b>	<b><u>8,249,209</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>	<b><u>8,194,503</u></b>

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## **Program: Utilities/Wastewater – Wastewater Collection**

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### **Services Delivered:**

This activity is responsible for ensuring the safe uninterrupted operation of sanitary sewer lines within the community, meeting State and Federal standards. The services delivered are administered through distinct programs: customer service, inspection services, system maintenance and general operations. The duties encompassed in these programs include sewer main repair and cleaning, manhole repair, clean-out repair, TV inspection of new and existing sewer lines, easement maintenance, and emergency service calls. The collection division provides support to both contractors involved in new construction and water distribution division during their normal course of business. In addition, this activity provides contract services to the Redwood Sanitary Sewer Service District (RSSSD) in the areas of sewer line cleaning, forced main maintenance, utility location, and collection record management.

### **FY'06 Anticipated Accomplishments:**

The safe uninterrupted operation of sanitary sewer lines within the community shall continue to remain the primary goal of this activity. Cleaning of areas containing root and grease problems shall continue every six months. Routine cleaning of other segments of the sewer system shall continue on a rotating four-year basis. The inspection of smaller public lines with the TV mini-camera system shall continue during the budget period. All new sewer lines, manholes and clean-outs will continue to be inspected prior to system inclusion. Sewer line failures shall be promptly repaired and with minimum impact to the public. Focused dye testing, manhole replacement, and mainline repairs shall also continue. Particular attention will be devoted to contract cleaning of the RSSSD each year.

### **FY'06 Performance Measurements:**

- No public sewer system overflows. **Goal #IV**
- 410 feet of sewer line cleaned per labor hour. **Goal #IV**
- 240 feet of sewer line TV inspected per hour. **Goal #IV**
- 1 hour average response time for sewer blockages. **Goal #IV**

### **Budget Highlights:**

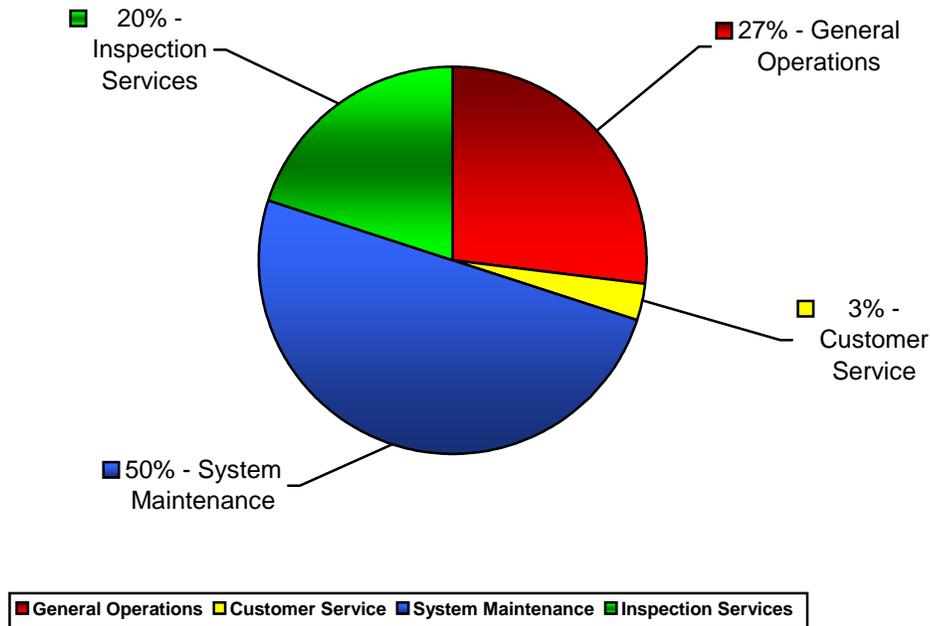
The budget includes continued funding in professional services for the transfer of existing sewer camera video to compact discs and emergency contract sewer line repairs. The FY'06 capital budget for the System Maintenance program includes funding for the purchase of a trenchless sewer line repair system. The Inspection Services Program contains funding for a camera wash down system for the existing TV van. Funding continues for the installation of two new manholes to improve access for cleaning and TV inspection. Funds for the purchase of replacement computers are also included.

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## Program: Utilities/Wastewater – Wastewater Collection

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### Program Allocations



#### **FY'05 Activity Review:**

Wastewater Collection goals related to system cleaning and TV inspection remained on track during the period. The inspection of smaller sewer lines previously not TV inspected continued. Re-inspection of sewer lines with known defects to monitor changes in pipeline condition continued utilizing “tilt and pan” camera technology. Improved data concerning customer service connections was also obtained during the re-inspection process. Field support in data collection and collection records reconciliation was completed for the new Wastewater Collection Master Plan. Contractor work on the conversion of existing VCR tapes to DVD format continued. A new cleaning port was installed at the Redwood Pump Station. Contract utility locates, cleaning, and sewer force main maintenance for the RSSSD system also continued.

Requests from contractors for cleaning, TV inspection services, and sewer utility locates continued at record levels during the period.

#### **FY'05 Performance Indicators:**

- No public sewer system overflows. **Target met.**
- 410 feet of sewer line cleaned per labor hour. **Target not met.** *28 feet/hour of sewer line cleaned.*
- 240 feet of sewer line TV inspected per hour. **Target not met.** *193 feet/hour of sewer line TV inspected.*
- 1 hour average response time for sewer blockages. **Target met.**

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**Program: Utilities/Wastewater – Wastewater Collection**

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**Financial Summary**

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Expenses						
Operating Expenses						
Personal Services	217,604	238,923	245,316	270,098	270,098	270,098
Materials & Supplies	18,217	12,619	15,925	15,125	15,125	15,125
Contractual/Prof Services	60,487	87,858	80,405	79,406	79,406	79,406
Direct Charges	37,520	38,632	46,762	47,517	47,517	47,517
Capital Outlay	<u>11,572</u>	<u>1,548</u>	<u>24,500</u>	<u>29,500</u>	<u>29,500</u>	<u>29,500</u>
<b>Total</b>	<b><u>345,400</u></b>	<b><u>379,580</u></b>	<b><u>412,908</u></b>	<b><u>441,646</u></b>	<b><u>441,646</u></b>	<b><u>441,646</u></b>

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**Program: Utilities/Wastewater – Wastewater Collection**

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***Personnel***

	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	#	#	#	#	#	#
Municipal Service Worker	<u>3.00</u>	<u>3.00</u>	<u>3.00</u>	<u>3.00</u>	<u>3.00</u>	<u>3.00</u>
Subtotal	3.00	3.00	3.00	3.00	3.00	3.00
Utility Director						
FROM: Water Treatment	0.25	0.25	0.25	0.25	0.25	0.25
Utility Field Supervisor						
FROM: Water Distribution	0.50	0.50	0.50	0.50	0.50	0.50
Office Assistant I						
FROM: Water Treatment	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>
Subtotal	1.00	1.00	1.00	1.00	1.00	1.00
<b>Total Full Time Positions</b>	<b><u>4.00</u></b>	<b><u>4.00</u></b>	<b><u>4.00</u></b>	<b><u>4.00</u></b>	<b><u>4.00</u></b>	<b><u>4.00</u></b>
Part Time/Seasonal Hours	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

***Capital Outlay/By Item:***

Manholes	15,000	15,000	15,000	15,000
Manwinch Hoist	7,000	0	0	0
Grabbers	1,000	13,000	13,000	13,000
Computers	<u>1,500</u>	<u>1,500</u>	<u>1,500</u>	<u>1,500</u>
<b>Total Capital Outlay</b>		<b><u>24,500</u></b>	<b><u>29,500</u></b>	<b><u>29,500</u></b>

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## **Program: Utilities/Wastewater – Wastewater Treatment**

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### **Services Delivered:**

This activity provides for the processing and safe disposal of collected wastewater as required to meet State and Federal standards, ensuring no harmful effects on the community or the environment. These services are delivered through six programs: support services, operations, maintenance, solids, lift stations and pretreatment. In addition, this activity provides contract services to the Redwood Sanitary Sewer Service District and the Merlin Landfill for operation maintenance services.

### **FY'06 Anticipated Accomplishments:**

Treating the community's wastewater to meet State and Federal standards will remain the main objective of this activity. Staff will complete the one year performance certification of the Phase 1 treatment plant improvements.

### **FY'06 Performance Measurements:**

- Treated wastewater will meet or exceed State and Federal standards **Goal #IV.**
- Target operating and maintenance costs per 1000 gallons will be 58 cents. **Goal #VI**
- Target operating and maintenance costs per pound of BOD treated will be 38 cents. **Goal #VI**
- Target operating and maintenance costs for Biosolids disposal will be 10 cents per pound. **Goal #VI**

### **Budget Highlights:**

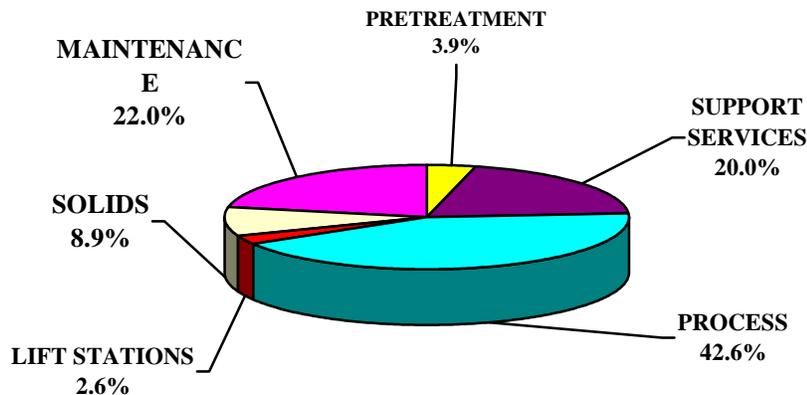
The FY'06 operations and maintenance budget includes funds to purchase a new dumpster for the solids disposal program. Funds were included in the FY'05 budget for an additional Municipal Service Worker to be split 50/50 with the JO-GRO™ operation. After further analysis it was determined the need for an additional employee is not necessary at this time.

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## Program: Utilities/Wastewater – Wastewater Treatment

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### PERCENT OF TOTAL BUDGET



#### FY'05 Activity Review:

During the 2004 budget year, this activity treated 2.03 billion gallons of wastewater and hauled 1.53 million pounds of Biosolids to the JO-GRO™ Co-Composting facility.

#### FY'05 Performance Indicators:

- Treated wastewater will meet or exceed State and Federal effluent standards 100 percent of the time.  
**Target met.**
- Operation and maintenance costs per 1000 gallons of wastewater treated will be 58 cents.  
**Target met.**
- Operation and maintenance costs per pound of BOD treated will be 38 cents.  
**Target met.**
- Operation and maintenance costs for Biosolids disposal will be 10 cents per pound.  
**Target met.**

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**Program: Utilities/Wastewater – Wastewater Treatment**

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**Financial Summary**

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Expenses						
Operating Expenses						
Personal Services	449,794	449,869	515,675	561,438	561,438	561,438
Materials & Supplies	149,650	204,967	170,950	162,400	162,400	162,400
Contractual/Prof Services	394,935	397,384	511,459	472,459	472,459	472,459
Direct Charges	11,228	12,340	15,142	15,594	15,594	15,594
Capital Outlay	8,041	98	23,400	17,000	17,000	17,000
Transfers Out	<u>30,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Expenses</b>	<b><u>1,043,648</u></b>	<b><u>1,064,658</u></b>	<b><u>1,236,626</u></b>	<b><u>1,228,891</u></b>	<b><u>1,228,891</u></b>	<b><u>1,228,891</u></b>

## Program: Utilities/Wastewater – Wastewater Treatment

### Personnel

	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	#	#	#	#	#	#
Utility Plant Supervisor	1.00	1.00	1.00	1.00	1.00	1.00
Lead Operator	0.00	0.00	0.00	0.00	0.00	0.00
Treatment Plant Specialist	4.00	4.00	4.00	4.00	4.00	4.00
Municipal Specialist	1.00	1.00	1.00	1.00	1.00	1.00
Municipal Service Worker	<u>2.00</u>	<u>2.00</u>	<u>3.00</u>	<u>3.00</u>	<u>3.00</u>	<u>3.00</u>
Subtotal	8.00	8.00	9.00	9.00	9.00	9.00
Utility Director						
FROM: Water Treatment	0.25	0.25	0.25	0.25	0.25	0.25
Utility Plants Supervisor						
TO: JO-GRO™	(0.25)	(0.25)	(0.25)	(0.25)	(0.25)	(0.25)
FROM: Water Treatment	0.00	0.00	0.00	0.00	0.00	0.00
Lead Operator						
TO: JO-GRO™	0.00	0.00	0.00	0.00	0.00	0.00
Trmt Plant Spec - Operations						
FROM: Water Treatment	0.50	0.50	0.50	0.50	0.50	0.50
Trmt Plant Spec – Maint.						
TO: JO-GRO™	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)
TO: Water Treatment	(0.40)	(0.40)	(0.40)	(0.40)	(0.40)	(0.40)
Municipal Service Worker						
TO: JO-GRO	0.00	0.00	(0.50)	(.50)	(.50)	(.50)
Office Assistant I						
FROM: Water Treatment	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>
Subtotal	0.25	0.25	(0.25)	(0.25)	(0.25)	(0.25)
<b>Total Full Time Positions</b>	<b><u>8.25</u></b>	<b><u>8.25</u></b>	<b><u>8.75</u></b>	<b><u>8.75</u></b>	<b><u>8.75</u></b>	<b><u>8.75</u></b>
Part Time/Seasonal Hours	<u>1,000</u>	<u>1,000</u>	<u>1,200</u>	<u>1,200</u>	<u>1,200</u>	<u>1,200</u>

### *Capital Outlay/By Item:*

Repair/Upgrade Equipment	15,000	15,000	15,000	15,000
Office Equipment	6,000	0	0	0
Computers	<u>2,400</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>
<b>Total Capital Outlay</b>	<b><u>23,400</u></b>	<b><u>17,000</u></b>	<b><u>17,000</u></b>	<b><u>17,000</u></b>

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## **Program: Utilities/Wastewater – JO-GRO™**

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### **Services Delivered:**

This activity is responsible for processing the City's wastewater solids with greenwaste collected from the community to produce an "Exceptional quality class A" Co-Compost material for resale to the public. This activity also collects woodwaste material from the community that is recycled by BioMass One for energy production.

### **FY'06 Anticipated Accomplishments:**

Processing the City's wastewater solids with greenwaste to produce an "Exceptional quality" Co-Compost will continue to be the primary goal of this activity. This activity will seek ways to increase volumes of finished compost and increase net revenues.

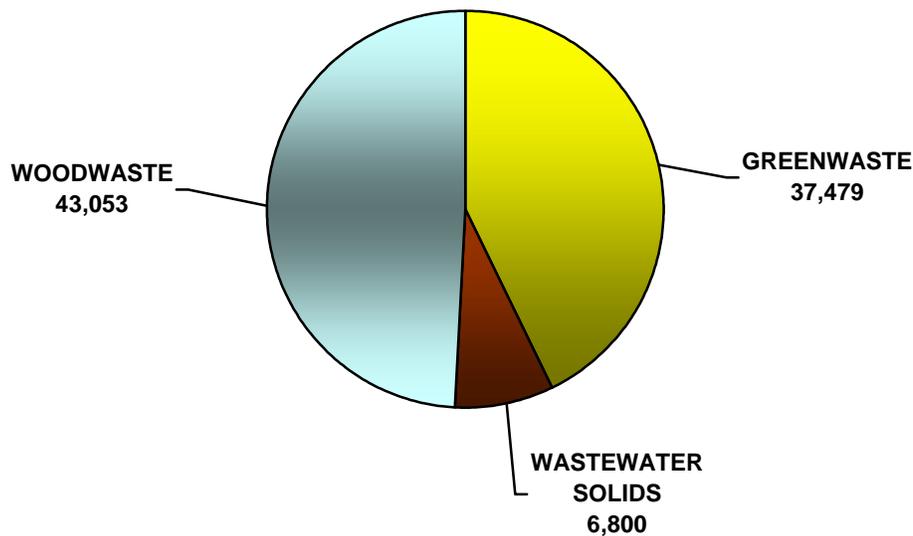
### **FY'06 Performance Measurements:**

- The JO-GRO™ facility will process the City's wastewater solids 100 percent of the time. **Goal #IV**
- The finished Co-Compost will meet or exceed State and Federal standards for an "Exceptional quality class A" product 100 percent of the time. **Goal #IV**
- Greenwaste received will be processed into compost 100 percent of the time. **Goal #IV**
- Sell 100 percent of the finished co-compost material produced. **Goal #VI**

### **Budget Highlights:**

Funds were included in the FY'05 budget for an additional Municipal Service Worker to be split 50/50 with the JO-GRO™ operation. After further analysis it was determined the need for an additional employee is not necessary at this time.

## CUBIC YARDS OF MATERIALS



### *FY'05 Activity Review:*

This activity processed 37,479 cubic yards of greenwaste and 6,800 cubic yards of wastewater solids during the FY'04 budget year. In addition, 43,053 cubic yards of woodwaste was recycled by BioMass One and 7,456 cubic yards of finished compost was sold.

### *FY'05 Performance Indicators:*

- The JO-GRO™ facility will process the City's wastewater solids 100 percent of the time. **Target met.**
- The finished Co-Compost will meet or exceed State and Federal standards for an "Exceptional quality class A" product 100 percent of the time. **Target met.**
- Market 100 percent of the finished Co-Compost material produced. **Target met.**

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**Program: Utilities/Wastewater – JO-GRO™**

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**Financial Summary**

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Expenses						
Operating Expenses						
Personal Services	139,167	179,585	195,477	205,288	205,288	205,288
Materials & Supplies	44,771	54,131	52,000	52,000	52,000	52,000
Contractual/Prof Services	181,991	190,947	177,944	178,344	178,344	178,344
Capital Outlay	11,238	0	0	0	0	0
Transfers Out	<u>140,845</u>	<u>0</u>	<u>200,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total</b>	<b><u>518,012</u></b>	<b><u>424,663</u></b>	<b><u>625,421</u></b>	<b><u>435,632</u></b>	<b><u>435,632</u></b>	<b><u>435,632</u></b>

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**Program: Utilities/Wastewater – JO-GRO™**

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***Personnel***

	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	#	#	#	#	#	#
Municipal Services Worker	2.00	2.00	2.00	2.00	2.00	2.00
Municipal Services Aide	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>
Subtotal	3.00	3.00	3.00	3.00	3.00	3.00
Utility Plant Supervisor						
FROM: Wastewater Trmt	0.25	0.25	0.25	0.25	0.25	0.25
Municipal Services Worker						
FROM: Wastewater Trmt	0.00	0.00	0.50	0.50	0.50	0.50
Trmt Plant Spec – Maint.						
FROM: Wastewater Trmt	<u>0.10</u>	<u>0.10</u>	<u>0.10</u>	<u>0.10</u>	<u>0.10</u>	<u>0.10</u>
Subtotal	0.35	0.35	0.85	0.85	0.85	0.85
<b>Total Full Time Positions</b>	<b><u>3.35</u></b>	<b><u>3.35</u></b>	<b><u>3.85</u></b>	<b><u>3.85</u></b>	<b><u>3.85</u></b>	<b><u>3.85</u></b>
Part Time/Seasonal Hours	<u>1,560</u>	<u>1,560</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

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## Program: Utilities/Wastewater – Customer Service

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### Services Delivered:

Customer Service provides for the billing and collections of customer charges, legal services and engineering required for wastewater activities.

### FY'06 Anticipated Accomplishments:

The activity provides for direct customer services and engineering support for developers. This activity focuses on the City Council goals of **Positive Communication** and **Growth Management**, with extensive work with individual customers paying bills, establishing accounts and assisting with or planning for service modifications to their property. The engineering costs are those associated with customer service for developers, real estate agents and property owners in Community Development.

The Customer Service activity will bill about 10,000 customers monthly and maintain timely records on all accounts. Information regarding sewer line locations, new service requests, local improvement district financing and other data regarding the overall system will be provided to customers through this activity.

### FY'06 Performance Measurements:

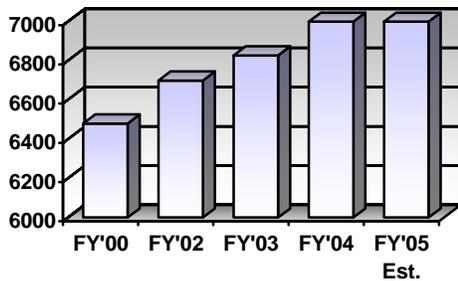
- All customer accounts will be updated daily. **Goal #VI**
- Delinquent sewer only accounts will be turned over to the County Assessor for processing as liens through property tax collection. **Goal #VI**

### Budget Highlights:

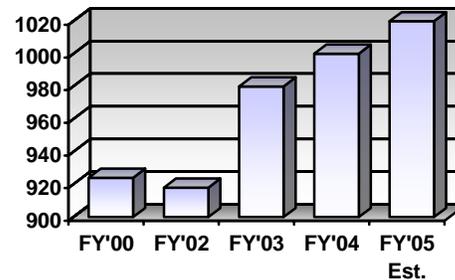
The FY'06 budget increases are a reflection of the increased costs associated with postage and utility billing and collection services.

## Program: Utilities/Wastewater – Customer Service

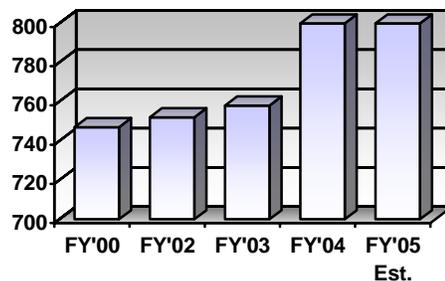
Number of RESIDENTIAL Customers



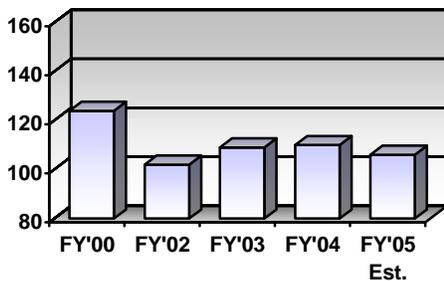
Number of COMMERCIAL Customers



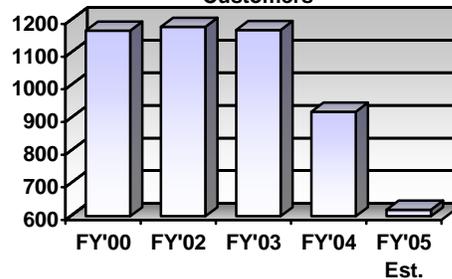
Number of MULTIFAMILY Customers



Number of PUBLIC AGENCY Customers



Number of HARBECK-FRUITDALE Customers



Note: (1.) Public Agency numbers jumped due to several churches and Three Rivers Dimmick properties being moved from commercial to Public category.  
 (2.) Harbeck-Fruitdale numbers decline as properties are annexed and moved into appropriate class groups.

### FY'05 Performance Indicators:

- All customer accounts will be updated daily. **Target met.**
- Delinquent sewer only accounts will be turned over to the County Assessor for processing as liens through property tax collection. **Target met.**

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**Program: Utilities/Wastewater – Customer Service**

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**Financial Summary**

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Expenses						
Operating Expenses						
Contractual/Prof Services	62,141	54,962	38,000	38,500	38,500	38,500
Direct Charges	<u>144,096</u>	<u>154,979</u>	<u>175,594</u>	<u>217,017</u>	<u>217,017</u>	<u>217,017</u>
<b>Total Expenses</b>	<b><u>206,237</u></b>	<b><u>209,941</u></b>	<b><u>213,594</u></b>	<b><u>255,517</u></b>	<b><u>255,517</u></b>	<b><u>255,517</u></b>

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**Program: Utilities/Wastewater – Customer Service**

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## Program: Utilities/Wastewater – Debt Service

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### Services Delivered:

This activity accounts for the repayment of debt incurred by the Wastewater Utility. A total of \$7,000,000 of State Revolving Loan Fund (SRF) monies were made available to the City for expansion of the Wastewater Treatment Plant and related projects. The City's commitment for these monies was made in the fall of 2001 with the first draw occurring in the fall of 2002, commensurate with construction.

### FY'06 Anticipated Accomplishments:

With the final draw of SRF monies in July of 2004 and the formal acceptance by SRF, annual principal and semi-annual interest payments began in March of FY'05.

### Budget Highlights:

The new SRF loan will be payable over twenty years at an interest rate of 3.43%. Payment of principle will begin in FY'06.

The Debt Service schedule is in Appendix P.

The SRF loan payment schedule is:

	FY'05	FY'06
Loan Agreement R38671 December 31, 2004		
Principal		257,344
Interest	<u>347,468*</u>	<u>237,904</u>
	347,468	495,248

\*The Revised FY'05 budget debt service differs from this schedule due to accruals.

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**Program: Utilities/Wastewater – Debt Service**

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***Financial Summary***

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Debt Service	<u>43,248</u>	<u>192,724</u>	<u>172,258</u>	<u>495,266</u>	<u>495,266</u>	<u>495,266</u>
<b>Total Expenses</b>	<b><u>43,248</u></b>	<b><u>192,724</u></b>	<b><u>172,258</u></b>	<b><u>495,266</u></b>	<b><u>495,266</u></b>	<b><u>495,266</u></b>

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## **Program: Utilities/Wastewater – General Program Operations**

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### **Services Delivered:**

This activity accounts for expense that is not directly allocated to any single wastewater activity. The contingency is appropriated in this activity, along with transfers to capital projects, payment of administrative overhead, ending fund balances and debt issuance costs.

### **FY'06 Anticipated Accomplishments:**

The contingency funds available in General Program Operations are utilized only with direct City Council authorization. The ending fund balance appropriation may not be altered during the fiscal year. The appropriated funds for capital projects are transferred as soon as they are available.

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**Program: Utilities/Wastewater – General Program Operations**

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***Financial Summary***

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Expenses						
Operating Expenses						
Contractual/Prof Services	33,252	57	20,000	55,000	55,000	55,000
Contingencies	0	0	200,000	250,000	250,000	250,000
Indirect Charges	161,553	181,730	195,781	232,956	232,956	232,956
Transfers Out	693,900	848,444	400,000	100,000	100,000	100,000
Ending Balance	<u>225,264</u>	<u>51,454</u>	<u>28,416</u>	<u>23,308</u>	<u>23,308</u>	<u>23,308</u>
<b>Total Expenses</b>	<b><u>1,113,969</u></b>	<b><u>1,081,685</u></b>	<b><u>844,197</u></b>	<b><u>661,264</u></b>	<b><u>661,264</u></b>	<b><u>661,264</u></b>

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## **Program: Utilities/Wastewater – Debt Service Reserve Fund**

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### **Services Delivered:**

This activity accounts for the reserve requirement mandated by the covenants of the SRF loan accepted in 2001 for the expansion of the Wastewater Treatment Plant.

### **Budget Highlights:**

The reserve will be held until September 2024 when the loan is fully paid thereby releasing these funds. Annual interest earnings on the reserve funds are credited to General Operations and available for annual debt service.

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**Program: Utilities/Wastewater – Debt Service Reserve Fund**

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***Financial Summary***

Resources	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Beginning Balance	<u>21,968</u>	<u>522,804</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>
Current Resources						
Activity Generated						
Interest	5,945	0	0	0	0	0
Transfer-Sewer Operations	<u>494,891</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Current Resources	<u>500,836</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Resources</b>	<b><u>522,804</u></b>	<b><u>522,804</u></b>	<b><u>500,899</u></b>	<b><u>500,899</u></b>	<b><u>500,899</u></b>	<b><u>500,899</u></b>

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED
	FY'03	FY'04	FY'05	FY'06	FY'06	FY'06
	\$	\$	\$	\$	\$	\$
Transfers Out	0	21,905	0	0	0	0
Ending Balance	<u>522,804</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>	<u>500,899</u>
<b>Total Expenses</b>	<b><u>522,804</u></b>	<b><u>522,804</u></b>	<b><u>500,899</u></b>	<b><u>500,899</u></b>	<b><u>500,899</u></b>	<b><u>500,899</u></b>

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## **Program: Utilities/Wastewater – Capital Construction**

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### **Basic Functions:**

This activity provides for the planning, engineering and construction of sewer lines, pumping stations and treatment facilities for the Wastewater Program.

### **Budget Highlights:**

This portion of the Wastewater system receives financing from System Development Charge revenues and transfers from wastewater operations. System Development Charge revenues remain a small part of the total financing for construction activities, representing a total revenue of about \$300,000 for this fiscal period, less than 10% of the capital needs for this fiscal period.

We were able to save costs by providing our own personnel for project observation and coordination instead of contracting with consultants. The total cost for the full time person, allocated to specific projects based on actual inspection time, is \$68,000 for FY'05.

A list of projects for FY'05 and FY'06 is shown on the following page.

The History Through FY'03 column shows project costs through June 30, 2003. The FY'04 Actual column shows actual expenditures for the fiscal year July 1, 2003 through June 30, 2004. The Budget FY'05, Recommend FY'06, Approved FY'06 and Adopted FY'06 columns reflect the total amount of resources available or expected to be available to the project during the respective fiscal years.

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## Program: Utilities/Wastewater – Capital Construction

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### FY '05 & FY '06 PROJECTS

	History Through FY'03	Actual FY'04	Budget FY'05	Recommend FY'06	Approved FY'06	Adopted FY'06
SE4161 Accelerated Maintenance	73,406	6,573	152,662	68,662	68,662	68,662
SE4254 Oversizing & Overdepth	0	0	50,000	25,000	25,000	25,000
SE4344 Secondary Treatment - Phase I	6,554,441	3,539,897	469,410	0	0	0
SE4351 Pine/Booth Sewer Rehab	5,355	112,418	1,137,227	1,662,227	1,662,227	1,662,227
SE4451 Collection System Master Plan	175,896	94,087	30,017	0	0	0
SE4744 JO-GRO Pilot Test Bagging	0	0	0	100,000	100,000	100,000
SE4745 WRP Equipment Improvement	0	0	0	50,000	50,000	50,000
SE4746 WRP Landscape Improvements	0	0	30,000	30,000	30,000	30,000
SE4747 WRP 2 <sup>nd</sup> Mechanical Bar Screen	0	0	0	230,000	230,000	230,000
SE4755 Burgess/"L" St Alley Sewer Rehab	0	0	70,500	1,000	1,000	1,000
SE4793 Wastewater Rate Study	0	0	44,000	6,000	6,000	6,000
SE4835 I to J Alley Sewer Relocation	0	0	0	211,000	211,000	211,000
Fund 722 Miscellaneous Projects-SDC Funds	0	0	655,215	1,254,115	1,254,115	1,254,115
Fund 725 Miscellaneous Projects-AFD Funds	102,940	0	90,009	94,209	94,209	94,209
Fund 728 Miscellaneous Projects - General	5,948,317	203,892	1,514,265	243,175	243,175	243,175
Fund 729 Miscellaneous Projects-LID's	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>200,000</u>	<u>200,000</u>
<b>Total Projects</b>	<b><u>12,860,355</u></b>	<b><u>3,956,867</u></b>	<b><u>4,243,305</u></b>	<b><u>4,175,388</u></b>	<b><u>4,175,388</u></b>	<b><u>4,175,388</u></b>

## Program: Utilities/Wastewater – Capital Construction

### Financial Summary

	Through FY'03	Actual FY'04	Budget FY'05	Recommend FY'06	Approved FY'06	Adopted FY'06
Beginning Fund Balance	<u>(1,334)</u>	<u>2,041,305</u>	<u>2,816,196</u>	<u>3,112,288</u>	<u>3,112,288</u>	<u>3,112,288</u>
Current Resources						
SRLF Loan	3,641,254	3,233,684	124,810	0	0	0
System Development Charges	1,827,788	337,278	300,000	495,000	495,000	495,000
Redwood SSS District SDC's	180,979	172,264	250,000	319,500	319,500	319,500
Sewer Surcharges	828,076	0	0	0	0	0
Redwood Sewer District	7,057	0	0	0	0	0
Investment Interest	1,694,929	28,780	28,600	32,400	32,400	32,400
SDC Loan Interest	6,037	1,511	1,700	2,000	2,000	2,000
Advance Financing Interest Revenue	175,647	109,696	40,000	12,200	12,200	12,200
Other Revenue	40,465	100	37,000	2,000	2,000	2,000
Transfers From:						
General Program - Sewer	2,897,547	848,444	360,000	0	0	0
Sewer Capital Projects Demand	3,603,215	0	0	0	0	0
Lands & Buildings Projects	0		285,000	0	0	0
Special Assessment Fund	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>200,000</u>	<u>200,000</u>
Sub-Total Resources	<u>14,902,994</u>	<u>4,731,757</u>	<u>1,427,110</u>	<u>1,063,100</u>	<u>1,063,100</u>	<u>1,063,100</u>
<b>Total Resources</b>	<b><u>14,901,660</u></b>	<b><u>6,773,062</u></b>	<b><u>4,243,306</u></b>	<b><u>4,175,388</u></b>	<b><u>4,175,388</u></b>	<b><u>4,175,388</u></b>
Requirements						
Expense	12,365,464	3,956,867	1,101,018	2,497,000	2,497,000	2,497,000
Transfers Out	494,891	0	30,000	50,000	50,000	50,000
Ending Fund Balance	<u>2,041,305</u>	<u>2,816,196</u>	<u>3,112,288</u>	<u>1,628,388</u>	<u>1,628,388</u>	<u>1,628,388</u>
<b>Total Requirements</b>	<b><u>14,901,660</u></b>	<b><u>6,773,063</u></b>	<b><u>4,243,306</u></b>	<b><u>4,175,388</u></b>	<b><u>4,175,388</u></b>	<b><u>4,175,388</u></b>

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**Program: Utilities/Wastewater – Capital Construction**

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Project	SE4161	Accelerated Maintenance
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**Project Description**

Replacement of badly deteriorated sewer mains typically prior to paving due to new development or major street or alley repairs.

**Need for Project**

The maintenance is needed to repair severely structurally defective sewer mains when encountered. Replacement prior to paving avoids the need to cut new or recently replaced paving due to sewer line failure.

**Estimated Total Project Cost:** The target is \$50,000 per year when funds are available.

<b>Funding Sources</b>		<b>Project Expenses by Budget Year</b>	
Sewer Capital Projects	318,000	Prior Years	74,000
		FY '04	6,000
		FY '05	169,000
		FY '06	20,000
	<b>TOTAL</b>	<b>TOTAL</b>	<b>\$269,000</b>
	\$318,000		

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**Program: Utilities/Wastewater – Capital Construction**

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Project	SE4254	Oversizing and Overdepth
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**Project Description**

This project sets aside monies to assist developments with sewer projects that are compatible with the Wastewater Collection System Master Plan. Costs for oversizing, over depth, or re-routing to better serve the Wastewater Utility are funded on a first-come, first-served basis.

**Need for Project**

This project will assist in the orderly extension of the sewer system.

**Estimated Total Project Cost:     \$25,000 per year**

<b>Funding Sources</b>		<b>Project Expenses by Budget Year</b>	
Sewer Capital Projects	50,000	Prior Years	0
		FY '04	0
		FY '05	25,000
		FY '06	25,000
	<b>TOTAL</b>	<b>TOTAL</b>	<b>\$50,000</b>
	\$50,000		\$50,000

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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4344	Secondary Treatment – Phase I
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### Project Description

This project is a comprehensive investment in the Water Restoration Plant to include the following elements: expand and upgrade the secondary processes, install an outfall diffuser, miscellaneous laboratory and building improvements, SCADA system improvements, and a solids dewatering facility.

### Need for Project

The project is necessary to continue the ability to treat wastewater to increasingly stringent NPDES Permit requirements.

**Estimated Total Project Cost:      \$10,600,000**

Funding Sources		Project Expenses by Budget Year	
Sewer Capital Projects	2,739,000	Prior Years	6,554,000
SRLF Loan	7,000,000	FY '04	3,540,000
Sewer SDC's	816,000	FY '05	471,000
Other	10,000	FY '06	0
	<b>TOTAL \$10,565,000</b>	<b>TOTAL</b>	<b>\$10,565,000</b>



## Program: Utilities/Wastewater – Capital Construction

Project	SE4351	Pine / Booth / Sewer Replacement Revised
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### Project Description

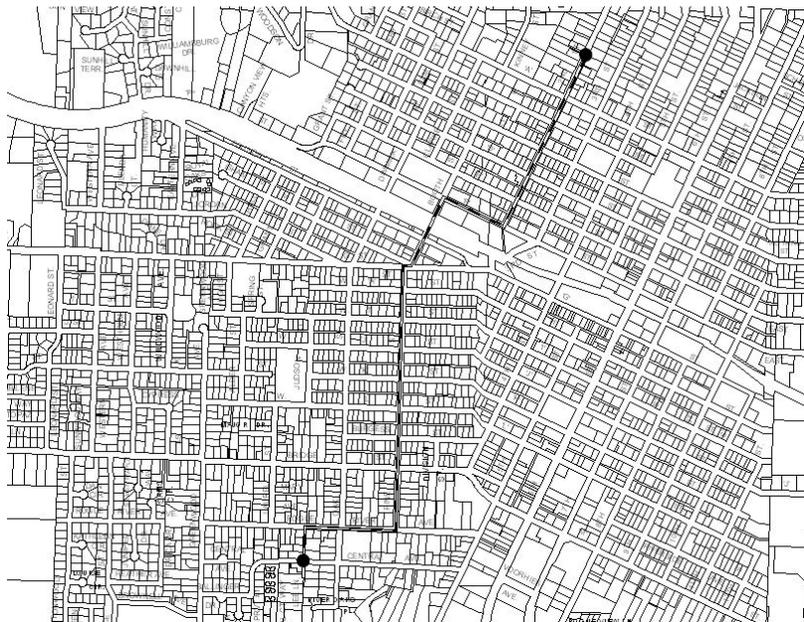
This project will replace approximately 7,000 LF of structurally-defective and undersized 12-inch clay sewer line with 21- and 24-inch 3034 plastic pipe beginning at S.W. Central Ave. at Oak Street and extending up Pine and Booth Streets to the 750 block of 2<sup>nd</sup> Street. Project design will occur in FY'04/'05 and construction will occur in FY'06/'07.

### Need for Project

This project is ranked as a top priority in the draft Wastewater Collection System Master Plan Update, due to both capacity and structural deficiencies in the existing sewer main. Insufficient pipeline capacity raises the probability of sanitary sewer overflows (prohibited by Federal law). Structural deficiencies have led to the formation of sink holes in Pine Street.

**Estimated Total Project Cost: \$4,055,000**

Funding Sources		Project Expenses by Budget Year	
Sewer Capital Projects	2,130,000	Prior Years	5,000
		FY '04	113,000
		FY '05	350,000
		FY '06	1,625,000
	<b>TOTAL \$2,130,000</b>	<b>TOTAL</b>	<b>\$2,093,000</b>



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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4451	Update Collection System Master Plan
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### Project Description

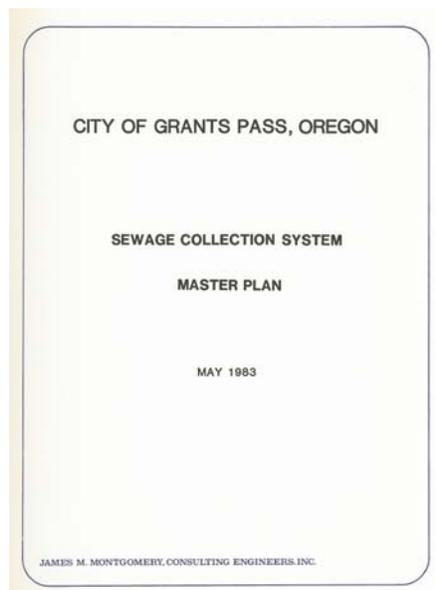
The current 20-year Master Plan was written in 1983. This update will provide background work to identify and organize existing field information; system analysis to evaluate flow characteristics, perform hydraulic modeling and evaluate system maintenance and reliability concerns; Master Plan development to provide replacement/rehabilitation criteria, identify and prioritize replacement/rehabilitation targets, and develop Collection System CIP; document preparation and approval to produce final report for adoption by the City Council and approval by the Oregon Department of Environmental Quality; and project administration and support to provide project management, assist in public participation, and provide quality assurance/quality control.

### Need for Project

This Master Plan is a Requirement for NPDES Permit.

**Estimated Total Project Cost:      \$355,000**

Funding Sources		Project Expenses by Budget Year	
Sewer Capital Projects	300,000	Prior Years	176,000
		FY '04	94,000
		FY '05	30,000
		FY '06	0
TOTAL	\$300,000	TOTAL	\$300,000



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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4744	JO-GRO™ Pilot Testing for Bagging Compost
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### Project Description

This project will fund the equipment rental, labor and material costs to perform pilot testing needed to determine the feasibility of producing and marketing bagged JO-GRO™ compost.

### Need for Project

The JO-GRO™ facility is operating at a loss and must be subsidized by the Wastewater Fund. The production and marketing of a bagged compost material has the potential of a net revenue increase, lessening or even eliminating the need for subsidy by the wastewater system.

**Estimated Total Project Cost:      \$100,000**

Funding Sources		Project Expenses by Budget Year	
Wastewater Capital Projects	100,000	Prior Years	0
		FY '04	0
		FY '05	0
		FY '06	100,000
TOTAL	\$100,000	TOTAL	\$100,000



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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4745	WRP Equipment Improvement
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### Project Description

Replace gas blending equipment for boiler. The boiler is fed a combination of natural gas and methane gas produced from the anaerobic digester. The use of methane gas reduces the amount of natural gas that needs to be purchased.

### Need for Project

The existing system is 25 years old and needs to be rebuilt to improve efficiency and reliability.

**Estimated Total Project Cost:      \$50,000**

Funding Sources		Project Expenses by Budget Year	
Wastewater Capital Projects	50,000	Prior Years	0
		FY '04	0
		FY '05	0
		FY '06	50,000
	<b>TOTAL</b>	<b>TOTAL</b>	<b>\$50,000</b>



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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4746	WRP Site Landscaping Improvements
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### Project Description

This project will upgrade existing landscaping and add additional landscaping around the Water Restoration Plant site.

### Need for Project

The landscaping is a requirement for the development permit issued for Phase 1 upgrades made to the plant. It will provide noise and odor reduction and help screen the industrial appearance of the WRP from the surrounding residential neighborhood.

**Estimated Total Project Cost:      \$60,000**

Funding Sources		Project Expenses by Budget Year		
Wastewater Capital Projects	60,000	Prior Years	0	
		FY '04	0	
		FY '05	30,000	
		FY '06	30,000	
	<b>TOTAL</b>	<b>\$60,000</b>	<b>TOTAL</b>	<b>\$60,000</b>



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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4747	WRP 2 <sup>nd</sup> Mechanical Bar Screen
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### Project Description

This project will install a second mechanical bar screen on the headworks facility at the WRP.

### Need for Project

OSHA and City of Grants Pass safety policies have discouraged use of the existing manually raked bar screen as a backup unit when the mechanical bar screen breaks down.

Additionally, the manually raked screen channel has been covered as part of the headworks odor control project. To operate the screen, bolted covers must be removed for access.

**Estimated Total Project Cost:      \$230,000**

Funding Sources		Project Expenses by Budget Year	
Wastewater SDC	230,000	Prior Years	0
		FY '04	0
		FY '05	0
		FY '06	230,000
TOTAL	\$230,000	TOTAL	\$230,000



**Program: Utilities/Wastewater – Capital Construction**

Project	SE4755	Burgess/"L" Street Alley Sewer Rehab
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**Project Description**

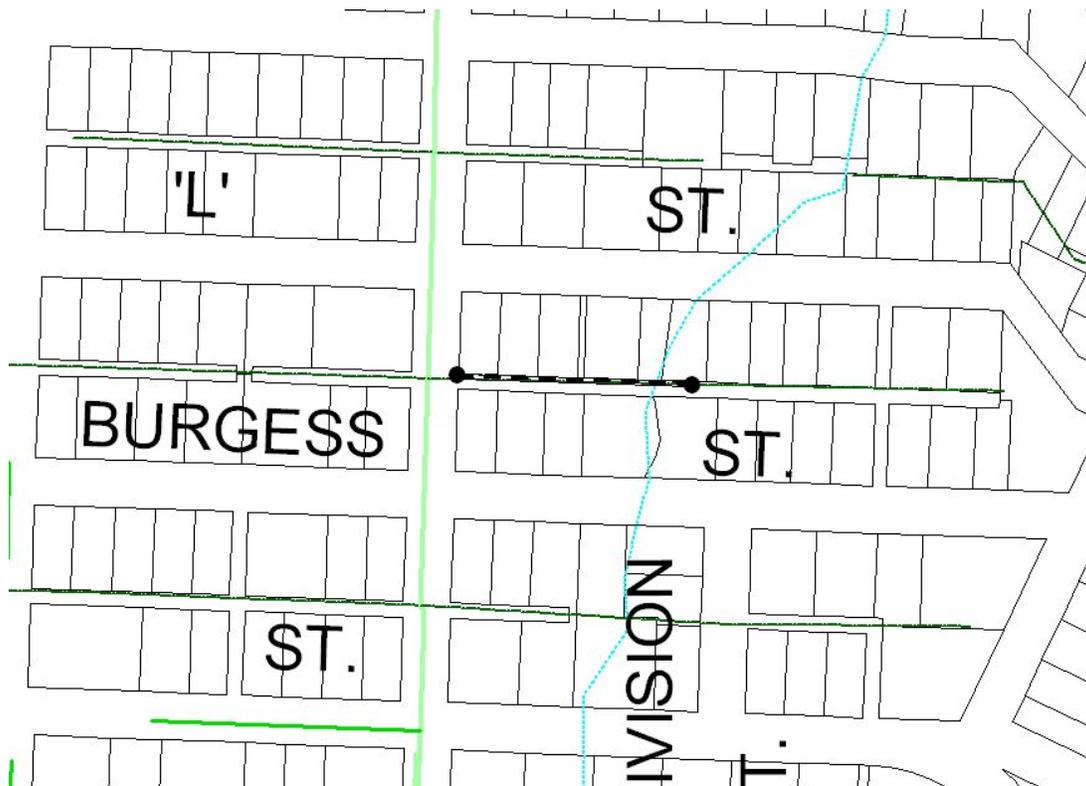
This project will replace about 274 feet of 8-inch sewer line where it crosses Gilbert Creek.

**Need for Project**

The creek crossing is in danger of imminent failure and must be replaced as an emergency measure. The replacement will prevent release of sewage into Gilbert Creek.

**Estimated Total Project Cost: \$72,000**

Funding Sources		Project Expenses by Budget Year		
Wastewater Capital Projects	72,000	Prior Years		
		FY '04		
		FY '05		70,500
		FY '06		1,500
	<b>TOTAL</b>	<b>\$72,000</b>	<b>TOTAL</b>	<b>\$72,000</b>



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## Program: Utilities/Wastewater – Capital Construction

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Project	SE4793	Wastewater Rates & SDC Studies
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### Project Description

This project funds the creation of a rate model for the City’s municipal wastewater system and an analysis of user rates and SDCs needed to meet projected O&M expenses and CIP investments for the next 20 years. Changes in rates and SDC amounts will be proposed to Council for adoption in early FY’06.

### Need for Project

The existing wastewater user rates and SDCs will not provide adequate revenues to meet projected expenses over the 20-year planning period.

**Estimated Total Project Cost:        \$50,000**

Funding Sources		Project Expenses by Budget Year	
Wastewater Capital Projects	50,000	Prior Years	
		FY '04	
		FY '05	44,000
		FY '06	6,000
TOTAL	\$50,000	TOTAL	\$50,000

## City of Grants Pass



### Water & Sewer Rates & SDC's Study Draft Report April 1, 2005

## Program: Utilities/Wastewater – Capital Construction

Project	SE 4835	“I” to “J” Alley Sewer Relocation
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### Project Description

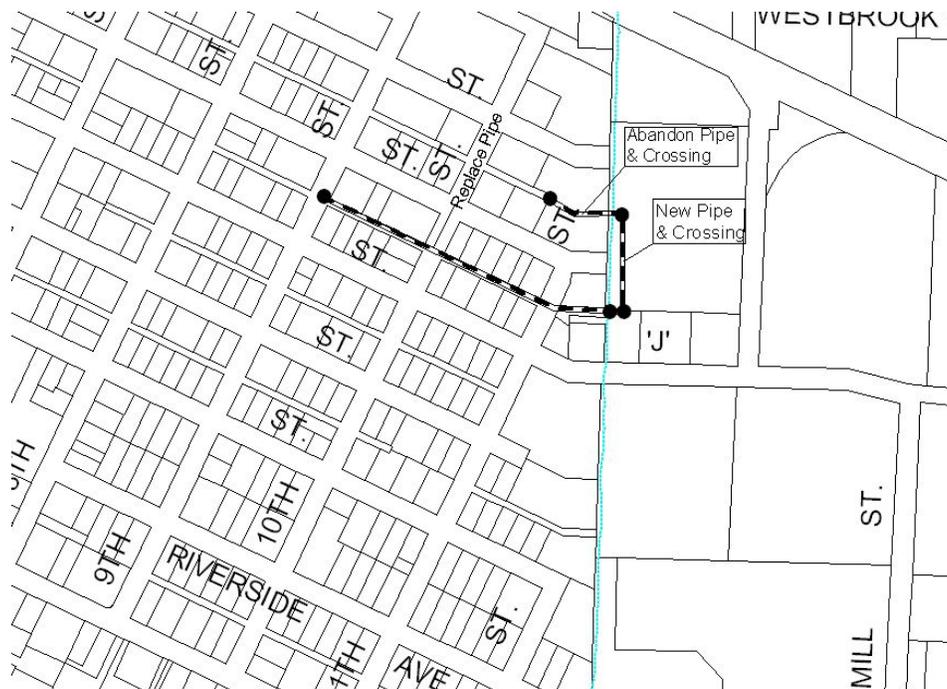
This project will replace approximately 900 LF of aging 6-inch clay pipe in the alley between “I” and “J” Streets with 8-inch diameter 3034 sewer pipe. A new creek crossing and 300 LF of new 8-inch sewer pipe on the east side of Skunk Creek will be installed. A creek crossing and approximately 225 LF of sewer pipe in the alley between “H” and “I” Streets will be abandoned.

### Need for Project

The pipeline to be replaced is not in good condition and is due to be replaced. The pipeline to be abandoned passes under a commercial warehouse building. The creek crossing (to be abandoned) is in risk of failure and dumping sewage into Skunk Creek.

**Estimated Total Project Cost: \$211,000**

Funding Sources		Project Expenses by Budget Year		
Wastewater Capital Projects	211,000	Prior Years		
		FY '04		
		FY '05		
		FY '06		211,000
<b>TOTAL</b>	<b>\$211,000</b>	<b>TOTAL</b>	<b>\$211,000</b>	



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**Program: Utilities/Wastewater – Capital Construction**

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Project	SE0000	Fund 722	Wastewater System Development Charges
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**Project Description**

This project accounts for money collected during development in order to fund Wastewater projects.

**Need for Project**

Since the establishment of the Wastewater System Development Charge (SDC), this fund has been used as the depository of these revenues, pending budgetary authorization for use of the funds.

**Estimated Total Project Cost:**      These monies were allocated to specific projects during the Budget process.

Funding Sources FY'04/FY'05/FY'06		Project Expenses by Budget Year	
Wastewater SDC	1,182,000	FY '04	565,800
Investment Interest	3,700	FY '05	0
Redwood SDC		FY '06	230,000
	<b>TOTAL</b>		<b>TOTAL</b>
	\$1,185,700		\$795,800

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**Program: Utilities/Wastewater – Capital Construction**

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Project	SE0000	Fund 725	Wastewater Advanced Financing
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**Project Description**

This project is used by our accounting function to account for all funds reimbursed to the wastewater utility from Advance Financed District (AFD) projects for which the utility was the project developer and revenue source.

**Need for Project**

The City Council has implemented a series of rate system structures to prepare for these projects, and this account is the method for accumulating all resources available to the system.

**Estimated Total Project Cost:** This project has no cost. It is an accounting entity for the purpose of accumulating resources.

<b>Funding Sources FY'04/FY'05/FY'06</b>		<b>Project Expenses by Budget Year</b>	
Balance Forward	40,000	FY '04	50,000
Advanced Financing/Interest	159,000	FY '05	50,000
Investment Interest	5,000	FY '06	10,000
	<b>TOTAL</b>		<b>TOTAL</b>
	\$204,000		\$110,000

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## Program: Utilities/Wastewater – Capital Construction

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Project	SE0000	Fund 728 Sewer Capital Projects – General
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### Project Description:

This project description is used by our accounting function to account for all funds located in the wastewater capital projects funds that are not specifically appropriated to a project. All funds from System Development Charges and all surplus from wastewater operations are deposited in the capital projects fund. When appropriations are needed in the ensuing fiscal period, or if construction scopes are altered to respond to changed conditions, this project is the source for financing for the projects.

### Need for Project:

The City Council has implemented a series of rate system structures to prepare for these projects, and this account is the method for accumulating all resources available to the system.

**Estimated Total Project Cost:** This project has no cost. It is an accounting entity for the purpose of accumulating resources.

### Schedule:

The cash financing accumulation for the wastewater expansion will be continued in this account, with interim financing for the next phase of construction augmenting cash flow to allow the single debt basis anticipated in the rate analysis.

Funding Sources		Project Expenses by Budget Year	
General Program – Wastewater	2,305,500	Prior Years	5,886,230
Investment Interest	1,748,000	FY '04	362,580
Other	36,000	FY '05	1,275,000
RSSSD	7,000	FY '06	1,343,500
Wastewater SDC	3,698,565		
Wastewater Surcharges	828,000		
Lands & Buildings Capital Projects	285,000		
Advance Financing & Interest	156,500		
	<b>TOTAL</b>	<b>TOTAL</b>	<b>8,867,310</b>
	9,064,565		

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**Program: Utilities/Wastewater – Capital Construction**

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Project	SE0000	Fund 729 Sewer Capital Projects
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**Project Description:**

This project accounts for the distribution of funds to various Local Improvement District projects. Funds are allocated as the districts are formed.

**Need for Project:**

The need for each individual project is determined by property owner petitions for improvements to be made through a local improvement district.

**Estimated Total Project Cost:** Costs vary depending upon petitions for LID's from citizens.

Funding Sources		Project Expenses by Budget Year	
Special Assessments (LID)	200,000	Prior Years	0
		FY '04	0
		FY '05	0
		FY '06	200,000
	TOTAL 200,000	TOTAL	200,000



**WHERE THE ROGUE RIVER RUNS**



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