

WASTEWATER

Program: Utilities/Wastewater - Capital Construction

ALL ACTIVE CAPITAL PROJECT RESOURCES

		Actual	Revised	Adopted	Total	Future	Total
		Through	FY'11	FY'12	Through	Years	Project
		FY'10			FY'12		
SE4161	Accelerated Maintenance	341,641	-40,000	50,000	351,641	150,000	501,641
SE4745	WRP & JOGRO™ Equipment Improv.	250,000	50,000	50,000	350,000	150,000	500,000
SE4960	JO-GRO™ Miscellaneous Upgrades	329,020	0	300,000	629,020	0	629,020
SE4963	Update WRP Facility Plan	250,000	0	0	250,000	0	250,000
SE4964	WRP Phase 2 Expansion	662,000	100,000	100,000	862,000	9,108,000	9,970,000
SE4998	Industrial Pretreatment Program Update	180,000	15,000	5,000	200,000	0	200,000
SE5060	General Engineering	45,000	26,000	25,000	96,000	75,000	171,000
SE5080	WRP Structural Repairs	50,000	8,000	75,000	133,000	225,000	358,000
SE5081	Collection System Master Plan Update	10,000	90,000	75,000	175,000	0	175,000
SE6012	Western Avenue Sewer Replacement	0	10,000	0	10,000	1,790,000	1,800,000
SE6050	L Street Sewer & Water Main Repl.	15,000	0	245,000	260,000	0	260,000
SE6064	Sewer Main Structural Repairs	0	0	690,000	690,000	3,010,000	3,700,000
SE6066	Methane Gas Generation Evaluation	0	0	10,000	10,000	0	10,000
SE6067	Sewer Siphon Line Inspection	0	30,000	40,000	70,000	0	70,000
SE0000	Miscellaneous Projects - SDC Fund 722	75,808	28,836	-72,280	32,364	-12,264,840	-12,232,476
SE0000	Miscellaneous Projects - AFD Fund 725	82,700	0	0	82,700	0	82,700
SE0000	Miscellaneous Projects - General 728	1,876,395	-207,690	-647,954	1,020,751	-4,062,000	-3,041,249
NEW PROJECTS							
SE6111	Mill Street Sewer Reconstruction	0	0	125,000	125,000	4,025,000	4,150,000
SE6112	Sewer Rate Study SE & RS	0	0	35,000	35,000	0	35,000
Total Projects		4,167,564	110,146	1,104,766	5,382,476	2,206,160	7,588,636

ALL CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES

SE4962	Bridge Street Pump Station Improv	487,000	-60,000	0	427,000	0	427,000
SE5048	Gilbert Creek SS Crossing Repair	40,000	-20,504	0	19,496	0	19,496
SE5082	Plant Drain Pump Evaluation	20,000	-20,000	0	0	0	0
SE6055	5th Str. Sewer Main Repl:RR Tracks to C St	25,020	306,400	0	331,420	0	331,420
SE6065	WRP Roof Replacement	50,000	201,000	0	251,000	0	251,000
Total Projects		622,020	406,896	0	1,028,916	0	1,028,916
Grand Total - All Projects		4,789,584	517,042	1,104,766	6,411,392	2,206,160	8,617,552

Program: Utilities/Wastewater - Capital Construction

ALL ACTIVE CAPITAL PROJECT SUMMARY FOR FY'12

	Adopted FY'12 Beginning Fund Balance	Adopted FY'12 Revenue	Adopted FY'12 Capital Outlay	Adopted FY'12 Transfers Out	Adopted FY'12 Appropriated Fund Balance
SE4161 Accelerated Maintenance	10,993	50,000	60,993	0	0
SE4745 WRP & JOGRO™ Equipment Improv.	719	50,000	50,719	0	0
SE4960 JO-GRO™ Miscellaneous Upgrades	0	300,000	300,000	0	0
SE4963 Update WRP Facility Plan	200,000	0	200,000	0	0
SE4964 WRP Phase 2 Expansion	712,000	100,000	800,000	0	12,000
SE4998 Industrial Pretreatment Program Update	2,879	5,000	7,879	0	0
SE5060 General Engineering	0	25,000	25,000	0	0
SE5080 WRP Structural Repairs	649	75,000	75,649	0	0
SE5081 Collection System Master Plan Update	0	75,000	75,000	0	0
SE6012 Western Avenue Sewer Replacement	5,000	0	5,000	0	0
SE6050 L Street Sewer & Water Main Repl.	4,613	245,000	249,613	0	0
SE6064 Sewer Main Structural Repairs	0	690,000	690,000	0	0
SE6066 Methane Gas Generation Evaluation	0	10,000	10,000	0	0
SE6067 Sewer Siphon Line Inspection	0	40,000	40,000	0	0
SE0000 Miscellaneous Projects - SDC Fund 722	104,644	-72,280	0	0	32,364
SE0000 Miscellaneous Projects - AFD Fund 725	1,760	0	0	0	1,760
SE0000 Miscellaneous Projects - General Fund 728	704,791	-647,954	0	0	56,837
NEW PROJECTS					
SE6111 Mill Street Sewer Reconstruction	0	125,000	125,000	0	0
SE6112 Sewer Rate Study SE & RS	0	35,000	35,000	0	0
Total Projects	<u>1,748,048</u>	<u>1,104,766</u>	<u>2,749,853</u>	<u>0</u>	<u>102,961</u>

Program: Utilities/Wastewater – Capital Construction

Project SE0000 Fund 722 Wastewater System Development Charges

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.

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater SDC's	2,580,937	138,836	138,836	152,720	152,720	2,872,493	458,160	3,330,653
Wastewater SDC's to Projects	-3,107,963	-185,000	-110,000	-150,000	-225,000	-3,442,963	-13,957,000	-17,399,963
RSSSD SDC's	437,129					437,129		437,129
Investment/Loan Interest	165,705					165,705		165,705
Total Resources						32,364		-13,466,476

Requirements

Expenditures						0		0
Transfers/Contingency						0		0
Ending Balance by Year	75,808	3,980	104,644	6,700	32,364	32,364	-13,466,476	-13,466,476
Total Requirements						32,364		-13,466,476

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE0000 Fund 725 Wastewater Advanced Financing

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.

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater AFD's	334,534	1,000	1,000	1,000	1,000	336,534	3,000	339,534
Wastewater AFD's to Projects	-274,800	-1,000	-1,000	-1,000	-1,000	-276,800	-3,000	-279,800
Investment Interest	22,966					22,966		22,966
Total Resources						82,700		82,700

Requirements

Expenditures	80,940					80,940		80,940
Transfers/Contingency						0		0
Ending Balance by Year	1,760	184	1,760	184	1,760	1,760	1,760	1,760
Total Requirements						82,700		82,700

Adopted FY' 11 and Projected FY' 12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE0000 Fund 728 Sewer Capital Projects – General

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.

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Operations Fund Transfers	7,251,282	376,206	376,206	788,939	855,046	8,482,534	1,730,000	10,212,534
Wastewater Capital to Projects	-10,275,031	-605,000	-585,896	-766,000	-1,505,000	-12,365,927	-8,140,000	-20,505,927
Advance Finance	277,436	1,000	1,000	1,000	1,000	279,436	3,000	282,436
Investment Interest	2,139,788	1,000	1,000	1,000	1,000	2,141,788		2,141,788
Wastewater & RSSSD SDC's	1,622,756					1,622,756		1,622,756
Other	860,164					860,164		860,164
Total Resources						1,020,751		-5,386,249

Requirements

Expenditures	469,023					469,023		469,023
Transfers/Contingency	494,891					494,891		494,891
Ending Balance by Year	912,481	679,142	704,791	704,081	56,837	56,837	-6,350,163	-6,350,163
Total Requirements						1,020,751		-5,386,249

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE4161 Accelerated Maintenance

Project Description

This project will replace badly deteriorated sewer mains, or appurtenances, typically prior to paving due to street overlay, new development or alley repairs.

Need for Project

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



Future and Ongoing Costs: Evaluation and repair of unanticipated problems.

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

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	341,641	50,000	-40,000	50,000	50,000	351,641	150,000	501,641
						0		0
						0		0
Total Resources						351,641		501,641

Requirements

Expenditures	197,648	100,000	63,000	61,636	60,993	321,641	150,000	471,641
Transfers/Contingency	30,000					30,000		30,000
Ending Balance by Year	113,993	11,636	10,993	0	0	0	0	0
Total Requirements						351,641		501,641

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE4745 WRP/JO-GRO™ Equipment Improvement

Project Description

This is the replacement fund for miscellaneous equipment such as gas blender, aeration basin mixers, various pumps, compressors and motors.

Need for Project

Each year pieces of equipment fail due to age and/or mechanical failure. The equipment audit identified various pieces of equipment which will need to be replaced over time. This project will allow the funding of replacement equipment when needed. This project will be similar in nature to SE4161 – Accelerated Maintenance.



Future and Ongoing Costs: Evaluation and repair of unanticipated problems.

Estimated Total Project Cost: \$50,000 per year as funds are available

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	250,000	50,000	50,000	50,000	50,000	350,000	150,000	500,000
						0		0
						0		0
Total Resources						350,000		500,000

Requirements

Expenditures	197,281	133,000	102,000	50,937	50,719	350,000	150,000	500,000
Transfers/Contingency						0		0
Ending Balance by Year	52,719	937	719	0	0	0	0	0
Total Requirements						350,000		500,000

Adopted FY' 11 and Projected FY' 12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE4960 JO-GRO™ Miscellaneous Upgrades

Project Description

This project will provide a physical storm water barrier between the green waste and compost areas. Site paving needs to be repaired/replaced. Concrete will be evaluated as an alternative to asphalt.

Need for Project

Storm water sampling with a high e-coli count will penalize the City's WRP NPDES permit. Separation of the green waste area and the compost area will clarify where the e-coli is originating. Current site paving is failing.



Future and Ongoing Costs: Separation of green waste area and compost area **DID NOT** clarify origination of e.coli. Formal engineering analysis and recommendation is underway

Original estimate of \$225,000 updated to reflect costs associated with combining work with creation of physical storm water barrier originally budgeted in SE4913. New project budget to be prepared after engineering analysis.

Estimated Total Project Cost: \$479,000

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	329,000			150,000	300,000	629,000		629,000
Other	20					20		20
						0		0
Total Resources						629,020		629,020

Requirements

Expenditures	229,094	17,605	99,926	150,000	300,000	629,020		629,020
Transfers/Contingency						0		0
Ending Balance by Year	99,926	0	0	0	0	0	0	0
Total Requirements						629,020		629,020

Adopted FY' 11 and Projected FY' 12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE4963 Update WRP Facility Plan

Project Description

This project will update the facility plan.

Need for Project

ODEQ has suggested updating the facilities plan approximately every 5 years. The update will verify design basis for the planned phase 2 expansion. Most funding options for the planned expansion will require a current facilities plan.



Future and Ongoing Costs: Unknown at this time.

Estimated Total Project Cost: \$250,000

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	250,000					250,000		250,000
Wastewater SDC's						0		0
						0		0
Total Resources						250,000		250,000

Requirements

Expenditures	0	150,000	50,000	100,000	200,000	250,000		250,000
Transfers/ Contingency						0		0
Ending Balance by Year	250,000	100,000	200,000	0	0	0	0	0
Total Requirements						250,000		250,000

Adopted FY' 11 and Projected FY' 12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE4964 WRP Phase 2 Expansion

Project Description

This project will expand aeration basin capacity, install reuse filtration, new secondary clarifier, thickener modifications and miscellaneous piping, electrical and SCADA improvements.



Need for Project

The project will expand the capacity of the WRP and meet anticipated treatment requirements from ODEQ.

Future and Ongoing Costs: Design and construction. Design of the expansion/improvements cannot occur until the Facilities Plan Update (SE 4963) is complete. Facilities Plan Update will take approximately 12 to 18 months to complete, once started. Design of expansion/improvements will take approximately 18 to 24 months after completion of Facilities Plan. Construction of designed expansion/improvements will last approximately 18 to 36 months.

Estimated Total Project Cost: \$9,970,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	232,000					232,000		232,000
Wastewater SDC's	430,000	100,000	100,000	100,000	100,000	630,000	9,108,000	9,738,000
Loan						0		0
Total Resources						862,000		9,970,000

Requirements

Expenditures		250,000	50,000	600,000	800,000	850,000	9,120,000	9,970,000
Transfers/Contingency						0		0
Ending Balance by Year	662,000	512,000	712,000	12,000	12,000	12,000	0	0
Total Requirements						862,000		9,970,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE4998 Update Industrial Pretreatment Program

Project Description

Update the pretreatment program.

Need for Project

A recent inspection by ODEQ, Pretreatment Program Coordinator revealed the City's pretreatment program needs to be updated to achieve compliance with the regulations. The City must submit a plan to correct the found deficiencies by December 29, 2006. The deficiencies must be addressed and corrected prior to the next audit scheduled for the Fall of 2007.

Due to ODEQ staff turnover and rule changes, program update has been delayed. Currently awaiting proposed rule change to complete update.

Future and Ongoing Costs: Completion of program update and audit.

Estimated Total Project Cost: \$210,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	180,000		15,000		5,000	200,000		200,000
						0		0
						0		0
Total Resources						200,000		200,000

Requirements

Expenditures	167,121	20,464	25,000		7,879	200,000		200,000
Transfers/Contingency						0		0
Ending Balance by Year	12,879	0	2,879	0	0	0	0	0
Total Requirements						200,000		200,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE5060 General Engineering

Project Description

On November 2, 2010 the City of Grants Pass and Carollo Engineers, Inc. entered into a new, 3 year Wastewater Master Services Agreement for Professional Engineering and Permitting Services (MSA). With this MSA, a number of individual task orders will be assigned, negotiated and executed to undertake a variety of assignments on the City’s wastewater facilities.

Need for Project

Given the nature of these individual assignments, it is desired for Carollo to provide general engineering support and guidance for the overall wastewater program to develop the specific individual tasks.

New NPDES permit evaluation/support costs are much greater than anticipated.

Future and Ongoing Costs: General support for Wastewater Fund (known and unknown).

Original Estimated Project Cost: \$15,000/year

Revised Estimated Total Project Cost: \$ 25,000/year
\$ 20,000 Wastewater Capital
\$ 5,000 RSSSD Operations

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	45,000	15,000	26,000	15,000	20,000	91,000	60,000	151,000
RSSSD Operations					5,000	5,000	15,000	20,000
						0		0
Total Resources						96,000		171,000

Requirements

Expenditures	47,687	25,000	23,313	18,351	25,000	96,000	75,000	171,000
Transfers/Contingency						0		0
Ending Balance by Year	-2,687	3,351	0	0	0	0	0	0
Total Requirements						96,000		171,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE5080 WRP Structural Repairs

Project Description

This project will fund many minor repairs necessary for the proper operation and long term maintenance of the Water Restoration Plant. Included items are: roof repairs, exterior painting/restoration, stairways and landings. This project will also repair damage to the riverbank at the outfall location.

Need for Project

The project is needed for efficiency and for safety. It will create a fund for a large number of small capital projects to ensure the longevity of the Water Restoration Plant and its supporting structures. Two out buildings with flat roofs have wood rot and need to be re-roofed. We will convert the flat roofs to a slope roof with metal covers similar to other out buildings we have on site.

Future and Ongoing Costs: Evaluation and repair of both known and unknown deficiencies.

Estimated Total Project Cost: \$ 75,000/year

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	50,000		8,000	36,000	75,000	133,000	225,000	358,000
						0		0
						0		0
Total Resources						133,000		358,000

Requirements

Expenditures	41,351	5,734	16,000	36,000	75,649	133,000	225,000	358,000
Transfers/ Contingency						0		0
Ending Balance by Year	8,649	0	649	0	0	0	0	0
Total Requirements						133,000		358,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE5081 Collection System Master Plan Update

Project Description

This project will update the Collection System Master Plan completed in 2004.

Need for Project

The Master Plan Update will identify infrastructure requirements and sizing to serve the enlarged Urban Growth Boundary.

Future and Ongoing Costs: After preliminary discussions to update and calibrate flow model, it has been determined original project cost estimate was low.

Original Estimated Total Project Cost: \$ 100,000

Revised Estimated Project Cost: \$175,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	10,000	90,000	90,000		75,000	175,000		175,000
						0		0
						0		0
Total Resources						175,000		175,000

Requirements

Expenditures		70,000	100,000	20,000	75,000	175,000		175,000
Transfers/Contingency						0		0
Ending Balance by Year	10,000	20,000	0	0	0	0	0	0
Total Requirements						175,000		175,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE 6012 Western Avenue Sewer Replacement

Project Description

This project will replace and upsize old deteriorated concrete sewer pipe in Western Avenue from 'G' Street to the Water Restoration plant. Approximately 4,700 lineal feet of 18" diameter sewer pipe will be installed.

Need for Project

The existing concrete pipe is severely deteriorated and is structurally failing. This pipeline serves the area west of Western Avenue from Upper River Road to the Rogue River. Increasing flows in the future are expected in the area due to growth. This pipeline also receives flow from the Bridge Street Pump Station. Currently the pipeline experiences surcharging during peak rainfall events. This project was ranked as the second priority for hydraulic capacity improvements in the 2004 Collection System Master Plan.

Future and Ongoing Costs: Evaluation of both known and unknown deficiencies.

Estimated Total Project Cost: \$1,800,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects						0	800,000	800,000
Wastewater SDC's 86%		85,000	10,000	50,000	0	10,000	990,000	1,000,000
						0		0
Total Resources						10,000		1,800,000

Requirements

Expenditures		85,000	5,000	50,000	5,000	10,000	1,790,000	1,800,000
Transfers/Contingency						0		0
Ending Balance by Year	0	0	5,000	0	0	0	0	0
Total Requirements						10,000		1,800,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE6050 'L' Street Sewer and Water Mains Replacement

Project Description

This project will replace approximately 800 linear feet of sewer main and 380 linear feet of water main.

Need for Project

The existing sewer main is severely deteriorated and failure has begun to occur. Concurrent with the sewer main replacement, the existing 2" water main will be replaced with a new 8" line.

Future and Ongoing Costs: Sewer main design complete. After water line design, bid and construct.

Estimated Total Project Cost: \$260,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	15,000			150,000	155,000	170,000		170,000
Gas Tax					40,000	40,000		40,000
Water Fund					50,000	50,000		50,000
Total Resources						260,000		260,000

Requirements

Expenditures	10,387			150,000	249,613	260,000		260,000
Transfers/Contingency						0		0
Ending Balance by Year	4,613	0	4,613	0	0	0	0	0
Total Requirements						260,000		260,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE6064 Sewer Main Structural Repairs (Multiple Phases)

Project Description

This project will replace very old structurally deficient sewer pipe in 5th Street, the alleys fronting 5th Street between 'M' and 'A' Streets and the alleys fronting Pine Street between Bridge and 'G' Streets. The alleys identified for repair will be ranked as to severity and the project completed in multiple phases.

Need for Project

The majority of the sewer lines in the alleys are very old 6" pipe, have structural defects (cracks, holes and broken pipe) and extensive root encroachment which requires frequent and difficult cleaning and maintenance. This project combines the top two ranked priorities for structural repair in the 2004 Collection System Master Plan.

Future and Ongoing Costs: Phase 1 design and construction expected to begin FY12.

Estimated Total Project Cost: \$3,700,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects				300,000	690,000	690,000	3,010,000	3,700,000
						0		0
						0		0
Total Resources						690,000		3,700,000

Requirements

Expenditures				300,000	690,000	690,000	3,010,000	3,700,000
Transfers/Contingency						0		0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements						690,000		3,700,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS
05/31/2011

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Program: Utilities/Wastewater – Capital Construction

Project SE6066 Methane Gas Generation Evaluation

Project Description

This project will evaluate the potential and feasibility of methane gas reuse at the WRP. If project is feasible, and cost effective, installation of required equipment will be pursued.

Need for Project

Methane gas is a byproduct of wastewater treatment. If the methane gas can be reused on-site in cost effective manner, the WRP and community at large will benefit.

The potential for a grant will be evaluated to fund the project.

Future and Ongoing Costs: Evaluation of feasibility and potential installation of equipment.

Estimated Total Project Cost: \$10,000

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects				15,000	10,000	10,000		10,000
Grant						0		0
						0		0
Total Resources						10,000		10,000

Requirements

Expenditures				15,000	10,000	10,000		10,000
Transfers/Contingency						0		0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements						10,000		10,000

Adopted FY' 11 and Projected FY' 12 will NOT add into TOTALS
05/31/2011

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Program: Utilities/Wastewater – Capital Construction

Project SE6067 Sewer Siphon Line Inspection

Project Description

This project will utilize sonar and laser technology to inspect the existing 30 inch sewer siphon which crosses the Rogue River at the wastewater treatment plant. The inspection shall require the services of a specialized sewer inspection contractor.

Need for Project

The sewer siphon line was installed in 1962 and has never been TV inspected by city crews due to the limitations of standard TV camera equipment. The inspection will provide information concerning both the pipe’s structural condition and the amount of debris accumulation present.

Future and Ongoing Costs: Inspection costs and access issues far greater than anticipated.

Estimated Total Project Cost: \$30,000
Revised Estimated Project Cost: \$70,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects		30,000	30,000		40,000	70,000		70,000
						0		0
						0		0
Total Resources						70,000		70,000

Requirements

Expenditures		30,000	30,000		40,000	70,000		70,000
Transfers/Contingency						0		0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements						70,000		70,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE 6111 Mill Street Sewer Reconstruction

Project Description

This project will replace approximately 9,500 linear feet of sewer main.

Need for Project

Currently a large segment of the sewer main is near capacity and inaccessible for maintenance. The reconstruction will install new accessible main line, substantially reduce current inflow and infiltration problems and add capacity. The installation will effectively increase the capacity of the dual river siphons to beyond 2060. This project was identified in the Collection System Master Plan as a top priority.

Future and Ongoing Costs: Evaluation of both known and unknown deficiencies.

Estimated Total Project Cost: \$4,150,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects						0	1,400,000	1,400,000
Wastewater SDC's 70%					125,000	125,000	2,625,000	2,750,000
						0		0
						0		0
						0		0
						0		0
Total Resources						125,000		4,150,000

Requirements

Expenditures					125,000	125,000	4,025,000	4,150,000
Transfers/Contingency						0		0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements						125,000		4,150,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Program: Utilities/Wastewater – Capital Construction

Project SE6112 Sewer Rate Study SE & RS

Project Description

This project will evaluate and recommend appropriate service area sewer rates. This is the City (SE) portion of the project.

Need for Project

Prior to combining the served area of the RSSSD into the City’s sewer service area, City and RSSSD rates need to be reviewed, be based on an equal and fair basis, and have the ability to cover respective debt and other service area costs.

Future and Ongoing Costs: NA

Estimated Total Project Cost: \$35,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects					35,000	35,000		35,000
						0		0
						0		0
Total Resources						35,000		35,000

Requirements

Expenditures					35,000	35,000		35,000
Transfers/Contingency						0		0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements						35,000		35,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Project Closed – FY 2011

Program: Utilities/Wastewater – Capital Construction

Project SE4962 Bridge Street Pump Station Improvements

Project Description

This project will expand the pumping capacity and connection to the 8” force main. Improvements include; new variable frequency drives, flow meter, additional plumbing to allow installation of pig ports and approximately 500’ extension of the 8” force main.

Need for Project

The pump station is approaching capacity of the 4” discharge force main. Also, as a result of detailed inspection performed on the pump station in January of 2006, several deficiencies were found and improvements recommended.



Future and Ongoing Costs: Periodic routine maintenance

Project Complete.

Estimated Total Project Cost: \$487,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	487,000		-60,000			427,000		427,000
						0		0
						0		0
Total Resources						427,000		427,000

Requirements

Expenditures	419,429	32,627	7,571			427,000		427,000
Transfers/Contingency						0		0
Ending Balance by Year	67,571	0						
Total Requirements						427,000		427,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Project Closed – FY 2011

Program: Utilities/Wastewater – Capital Construction

Project	SE5048	Gilbert Creek Sanitary Sewer Crossing Repair/Replacement
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Project Description

This project will repair the suspended Sanitary Sewer pipe crossing of Gilbert Creek which is failing.

Need for Project

The existing Sanitary Sewer main crossing of Gilbert Creek has failed. The pipe is suspended in the air across the creek on supports, one on each side of the creek. The northern support has completely collapsed and is sitting in the creek channel (this support was placed in the creek channel). As the northern support has failed, the only thing supporting the pipe on the northern end is the pipe in the embankment. This pipe is broken about 4 feet into the embankment. The embankment has also been severely undercut by creek flows. The pipe and support must be replaced, or removed and the Sanitary Sewer alignment changed to eliminate the creek crossing.



Future and Ongoing Costs: Periodic routine maintenance

Repair complete.

Estimated Total Project Cost: \$ 20,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	40,000		-20,504			19,496		19,496
						0		0
						0		0
Total Resources						19,496		19,496

Requirements

Expenditures	19,496	15,513	0			19,496		19,496
Transfers/Contingency						0		0
Ending Balance by Year	20,504	0	0	0	0	0	0	0
Total Requirements						19,496		19,496

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Project Closed – FY 2011

Program: Utilities/Wastewater – Capital Construction

Project SE5082 Plant Drain Pump Evaluation
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Project Description

To evaluate the feasibility of upgrading an existing 40+ year old drywell pumping station.

Need for Project

In the 1974 plant upgrade an existing influent pump station was converted to a tank drainage pumping station. The pumps are located approximately twenty feet below ground and maintenance staff has to climb down a spiral stair case to work on the pumps. With changes in OSHA regulations and the spiral staircase this area is considered a confined space and it requires a minimum of two persons to perform maintenance tasks. Because of the spiral staircase public safety has also expressed concerns about rescuing someone in the event of an injury.

Future and Ongoing Costs: N/A

Project to be complete as part of next planned expansion.

Estimated Total Project Cost: \$ 20,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	20,000		-20,000			0		0
						0		0
						0		0
Total Resources						0		0

Requirements

Expenditures		20,000	0			0		0
Transfers/Contingency						0		0
Ending Balance by Year	20,000	0						
Total Requirements						0		0

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Project Closed – FY 2011

Program: Utilities/Wastewater – Capital Construction

Project SE6055 5th Street Sewer Main Replacement RR Tracks to 'C' Street

Project Description

This project will replace approximately 1300 linear feet of severely deteriorated sewer line on 5th Street from the north side of railroad right of way to 'C' Street. 8" sewer lines will be stubbed out to the alleys from the main line in 5th Street.

Need for Project

A recent TV inspection of the sewer main in 5th Street revealed severely deteriorated pipe (multiple cracks, holes and missing pipe).

Future and Ongoing Costs: Routine periodic maintenance.

Project Complete. Final cost exceeded estimate due to unforeseen over excavation requirement.

Estimated Total Project Cost: \$280,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	25,000	220,000	306,400			331,400		331,400
Other	20					20		20
						0		0
Total Resources						331,420		331,420

Requirements

Expenditures	31,131	220,000	300,289			331,420		331,420
Transfers/ Contingency						0		0
Ending Balance by Year	-6,111	0	0	0	0	0	0	0
Total Requirements						331,420		331,420

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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Project Closed – FY 2011

Program: Utilities/Wastewater – Capital Construction

Project SE6065 WRP Roof Replacement

Project Description

This will complete roof repairs on the treatment plant main building, oil storage building and plant drain pumping station.

Need for Project

The Water Restoration Plant’s main building needs new roofing material and repair of the fascia boards. Additionally the flat roofs on the two out buildings, which have wood rot, need to be replaced. We will convert the flat roofs to a slope roof with metal covers similar to other out buildings we have on site.

Future and Ongoing Costs: Routine periodic maintenance.

Project Complete. Final cost exceeded estimate due to unforeseen rot. See SE5080 for out building repairs.

Estimated Total Project Cost: \$200,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Wastewater Capital Projects	50,000	150,000	201,000			251,000		251,000
						0		0
						0		0
Total Resources						251,000		251,000

Requirements

Expenditures	1,398	150,000	249,602			251,000		251,000
Transfers/ Contingency						0		0
Ending Balance by Year	48,602	0	0	0	0	0	0	0
Total Requirements						251,000		251,000

Adopted FY'11 and Projected FY'12 will NOT add into TOTALS

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