

STORM WATER AND OPEN SPACE

ACTIVITIES

*Storm Water Maintenance

*Customer Service

*General Program Operations

*Capital Construction

DESCRIPTION

Stormwater and acquisition of natural areas are related activities in that the open natural areas can combine stormwater detention along with recreation areas and wildlife habitat as multiple public values.

The public facilities and acquisitions necessary to manage stormwater runoff are contained in a Stormwater Facilities Master Plan. This plan identifies improvements by individual basins necessary to protect streams and the Rogue River's water quality for recreation, fisheries and wildlife habitat.

Funding to develop the Stormwater Facilities Master Plan is provided by a stormwater system development fee paid as development occurs across the entire urban growth area. A separate system development charge is also in place to fund stormwater improvements in the Sand Creek Basin. Other stormwater improvement needs are not funded at the current time beyond minimal funding from the general fund. A system development charge will be considered across the entire urban growth area as the Master Plan is completed and final costs determined.

	ACTUAL FY'05 \$	ACTUAL FY'06 \$	BUDGET FY'07 \$	MANAGER RECOMMEND FY'08 \$	COMMITTEE APPROVED FY'08 \$	COUNCIL ADOPTED FY'08 \$
Program Generated Resources	<u>631,889</u>	<u>978,352</u>	<u>795,004</u>	<u>915,948</u>	<u>915,948</u>	<u>915,948</u>
Total Resources	<u>631,889</u>	<u>978,352</u>	<u>795,004</u>	<u>915,948</u>	<u>915,948</u>	<u>915,948</u>
Requirements						
Storm Water Services	0	0	0	76,870	76,870	76,870
Customer Services	0	0	14,038	76,572	76,572	76,572
General Program Operations	0	0	40,962	149,086	149,086	149,086
Capital Construction	<u>631,889</u>	<u>978,352</u>	<u>740,004</u>	<u>613,420</u>	<u>613,420</u>	<u>613,420</u>
Total Requirements	<u>631,889</u>	<u>978,352</u>	<u>795,004</u>	<u>915,948</u>	<u>915,948</u>	<u>915,948</u>

Program: Storm Water Utility

Mission Statement:

The Stormwater Program's mission is to provide a safe, well-maintained drainage system through a systematic and cost-effective maintenance and capital program.

Services Delivered:

Funding is derived from two sources: a monthly utility fee and a system development charge. This fund provides resources to: actively maintain the existing storm water collection system, correct existing deficiencies in the system and provide for new system capacity needed for future development.

Funding in the past has been able to provide little more than responding to immediate problem areas and emergency flooding situations. Funding for the new utility will provide for a proactive program of cleaning and maintenance of the existing system as well as correcting existing bottle necks and deficiencies plus install system improvements necessary for future growth.

The "Customer Service and General Operations Activities" are support functions of the Stormwater Utility.

Program: Storm Water Utility

Program Financial Summary

Resources	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL
	FY'05	FY'06	FY'07	RECOMMEND	APPROVED	ADOPTED
	\$	\$	\$	FY'08	FY'08	FY'08
Beginning Balance	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,528</u>	<u>2,528</u>	<u>2,528</u>
Current Resources						
Activity Generated						
Transportation Fees	0	0	0	300,000	300,000	300,000
Other Revenue	<u>0</u>	<u>0</u>	<u>55,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Current Resources	0	0	55,000	300,000	300,000	300,000
General Support	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Resources	<u>0</u>	<u>0</u>	<u>55,000</u>	<u>302,528</u>	<u>302,528</u>	<u>302,528</u>

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL
	FY'05	FY'06	FY'07	RECOMMEND	APPROVED	ADOPTED
	\$	\$	\$	FY'08	FY'08	FY'08
Streets & Drainage Maintenance	0	0	0	76,870	76,870	76,870
Customer Services	0	0	14,038	76,572	76,572	76,572
General Operations	0	0	16,800	11,025	11,025	11,025
Contingencies	0	0	18,000	50,000	50,000	50,000
Indirect Charges	0	0	3,134	22,176	22,176	22,176
Debt Service	0	0	500	57,300	57,300	57,300
Ending Balance	<u>0</u>	<u>0</u>	<u>2,528</u>	<u>8,585</u>	<u>8,585</u>	<u>8,585</u>
Total Expenses	<u>0</u>	<u>0</u>	<u>55,000</u>	<u>302,528</u>	<u>302,528</u>	<u>302,528</u>

Program: Storm Water Utility - Maintenance

Services Delivered:

The Stormwater Maintenance activity maintains systems related to the collection, conveyance and water quality issues related to stormwater runoff. Maintenance functions include: repairs, vegetation control, operation of water quality structures, inlets, catch basins, manholes and underground piping systems.

FY'08 Anticipated Accomplishments:

The Stormwater Division will continue the immediate maintenance and repair work previously provided through the Street Maintenance Program for FY'08. Staff and program expansions will occur in the following two year budget cycle.

FY'08 Performance Measurements:

- Respond to immediate maintenance needs throughout the storm drainage system as quickly as possible. Return phone messages or respond to written requests for service within 24 hours. This may not mean needed repair/maintenance work is complete in that time frame, but that parties have been notified of their request and it will be evaluated. **Goal #IV**
- Review and clean catch basins with historic drainage problems before the rainy season starts at the end of October. **Goal #IV**
- Record the locations and recommend repairs/improvements to correct the drainage problems identified in the performance measurement described above. **Goal #IV**

Budget Highlights:

The FY'08 Stormwater maintenance budget will not show direct expenses until the next two year budget cycle. There will be expenditures in the Customer Service and General Operations sections of the budget.

Program: Storm Water Utility - Maintenance

FY'07 Activity Review:

This is a new program budget. FY'07 Storm drainage activities have been provided in the Street Operating budget.

FY'07 Performance Indicators:

There were no performance indicators in the FY'07 Street Operating budget related to Storm Drainage maintenance. New indicators have been suggested for the FY'08 budget year.

Program: Storm Water Utilities - Maintenance

Financial Summary

Requirements	ACTUAL FY'05 \$	ACTUAL FY'06 \$	BUDGET FY'07 \$	MANAGER RECOMMEND FY'08 \$	COMMITTEE APPROVED FY'08 \$	COUNCIL ADOPTED FY'08 \$
Personal Services	0	0	0	76,870	76,870	76,870
Ending Balance	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Expenses	<u>0</u>	<u>0</u>	<u>0</u>	<u>76,870</u>	<u>76,870</u>	<u>76,870</u>

Program: Storm Water Utility - Maintenance

Personnel

	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL
	FY'05	FY'06	FY'07	RECOMMEND	APPROVED	ADOPTED
	#	#	#	FY'08	FY'08	FY'08
	#	#	#	#	#	#
Parks & Community Services						
Director						
From: Property Management	0.00	0.00	0.00	0.15	0.15	0.15
Office Assistant II						
From: Property Management	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.10</u>	<u>0.10</u>	<u>0.10</u>
Total Full Time Positions	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.25</u>	<u>0.25</u>	<u>0.25</u>

Program: Storm Water Utility – Customer Service

Services Delivered:

This activity includes the billing and collection services provided by the Administrative Services Department.

FY'08 Anticipated Accomplishments:

The Stormwater Utility will be established this fiscal year by action of the City Council. Implementation will require Administrative Services to create a new billing and collection system for approximately 11,300 customers of this Utility.

FY'08 Performance Measurements:

- Performance measures will be established during the next two year budget cycle.

Budget Highlights:

There will be significant “Start up” costs to provide this service which may exceed the “normal” costs to run and maintain financial support for this program in the future.

FY'07 Activity Review:

Activity in FY'07 has consisted of review and assistance in preparation of the Stormwater Master Plan and creation of the Stormwater Utility rates and SDC's.

FY'07 Performance Indicators:

- Performance indicators will be prepared for the next two year budget cycle.

Program: Storm Water Utility – Customer Service

Financial Summary

Requirements	ACTUAL FY'05 \$	ACTUAL FY'06 \$	BUDGET FY'07 \$	MANAGER RECOMMEND FY'08 \$	COMMITTEE APPROVED FY'08 \$	COUNCIL ADOPTED FY'08 \$
Contractual/Prof Services	0	0	0	8,412	8,412	8,412
Direct Charges	<u>0</u>	<u>0</u>	<u>14,038</u>	<u>68,160</u>	<u>68,160</u>	<u>68,160</u>
Total Expenses	<u>0</u>	<u>0</u>	<u>14,038</u>	<u>76,572</u>	<u>76,572</u>	<u>76,572</u>

Program: Storm Water Utility – General Program Operations

Services Delivered:

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

FY'08 Anticipated Accomplishments:

The Stormwater Master Plan and Utility will be prepared for Council adoption this year. Utility rates and SDC's will be reviewed and approved along with a date for implementation. Revenues in FY'08 will be used to pay for expenses incurred to date in preparing for this program. The remainder will accumulate for expansion of the comprehensive operation, maintenance and capital program beginning in the next two year budget cycle.

Program: Storm Water Utility – General Program Operations

Financial Summary

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL
	FY'05	FY'06	FY'07	RECOMMEND	APPROVED	ADOPTED
	\$	\$	\$	\$	\$	\$
Direct Charges	0	0	16,800	11,025	11,025	11,025
Contingencies	0	0	18,000	50,000	50,000	50,000
Indirect Charges	0	0	3,134	22,176	22,176	22,176
Debt Service	0	0	500	57,300	57,300	57,300
Ending Balance	<u>0</u>	<u>0</u>	<u>2,528</u>	<u>8,585</u>	<u>8,585</u>	<u>8,585</u>
Total Expenses	<u>0</u>	<u>0</u>	<u>40,962</u>	<u>149,086</u>	<u>149,086</u>	<u>149,086</u>

Program: Storm Water & Open Space Capital Construction

Basic Functions

Storm Water and Open Space systems are required infrastructure to protect our community against flooding, assure the quality of water returned to the Rogue River, and allow managed growth. The Storm Water and Open Space SDC is an incurred charge for the planning, acquisition and capital development of facilities to accommodate and control storm water runoff. This is a new program to protect the capacity for current and future users of this system.

The capital improvement plan required by state law as the basis for expending revenues from the improvement fees portion of the Storm Water and Open Space System Development Charge shall include the update to storm drainage basins throughout the City and Urban Growth Boundary, and the specific pipeline improvements identified for the sub basins in Sand Creek.

Implemented by Council action in February of 2004, two distinct SDC fees were adopted. The Storm Water and Open Space master plan fee charged to all new developments is \$370 per development. These monies will be used exclusively to pay for the plan anticipated to be completed by June 2006. The second SDC fee is being collected for storm water construction in the Sand Creek sub-basin area and the charge is \$10,896 per acre. Both these charges will be collected at the time of the building or development permit until a new stormwater utility and System Development Charges are adopted by the City Council.

Activity Highlights

Projects in this activity are related to the Council Goal of “**Environment**”. The stormwater master plan, utility ordinance, fees and rates are moving toward adoption in late 2007 or early 2008.

A Request for Proposal will be generated for the creation of a Storm Water and Open Space Masterplan and the City will be partnering with Josephine County to solve regional storm water issues.

Project Highlights

The History through FY’05 column shows project costs through June 30, 2005. The FY’06 Actual column shows actual expenditures for the fiscal years July 1, 2005 through June 30, 2006. The Budget FY’07, Recommend FY’08, Approved FY’08, and Adopted FY’08 columns reflect the total amount of resources available or expected to be available to the project during the respective fiscal years. After adoption of the storm water utility, these projects will be absorbed into the new master plan and fees will be replaced with the new utility and new System Development Charge rates.

Program: Storm Water & Open Space Capital Construction

FY'05, FY'06, FY'07 & FY'08 PROJECTS

		History through FY'05	Actual FY'06	Budget FY'07	Recommend FY'08	Approved FY'08	Adopted FY'08
DO 4711	Sand Creek Wetland	1,020	17,991	140,989	130,989	130,989	130,989
DO 4715	Storm Water Master Plan	115,228	178,188	36,584	0	0	0
DO 4748	Sand Creek Basin Construction	1,530	(1,530)	0	30,000	30,000	30,000
DO 4957	Storm Water Financing	0	3,699	156,301	190,301	190,301	190,301
DO 4958	Redwood Pond Storm Line	0	0	115,000	140,000	140,000	140,000
Fund 648	Miscellaneous Projects - 648	0	0	28,988	38,988	38,988	38,988
Fund 642	Miscellaneous Projects - SDC's	<u>0</u>	<u>195,000</u>	<u>262,142</u>	<u>83,142</u>	<u>83,142</u>	<u>83,142</u>
	Total Projects	<u>117,778</u>	<u>393,348</u>	<u>740,004</u>	<u>613,420</u>	<u>613,420</u>	<u>613,420</u>

Program: Storm Water & Open Space Capital Construction

Financial Summary

	History through FY'05	Actual FY'06	Budget FY'07	Recommend FY'08	Approved FY'08	Adopted FY'08
Beginning Fund Balance	<u>0</u>	<u>514,111</u>	<u>585,004</u>	<u>393,420</u>	<u>393,420</u>	<u>393,420</u>
Current Resources						
Storm Water and Open Space SDC's	211,115	159,526	75,000	100,000	100,000	100,000
Sand Creek Storm & Open Space SDC's	272,005	281,981	60,000	100,000	100,000	100,000
SDC Loan Interest	7	116				
Investment Interest	8,762	22,618	20,000	20,000	20,000	20,000
Transfers from:						
General Fund - Policy and Legislature	65,000					
Parks SDC Fund	<u>75,000</u>					
 Sub-Total Current Resources	 <u>631,889</u>	 <u>464,241</u>	 <u>155,000</u>	 <u>220,000</u>	 <u>220,000</u>	 <u>220,000</u>
 Total Resources	 <u>631,889</u>	 <u>978,352</u>	 <u>740,004</u>	 <u>613,420</u>	 <u>613,420</u>	 <u>613,420</u>
Requirements						
Capital Outlay	117,778	393,348	346,584	460,000	460,000	460,000
Transfers to other Funds						
Ending Fund Balance	<u>514,111</u>	<u>585,004</u>	<u>393,420</u>	<u>153,420</u>	<u>153,420</u>	<u>153,420</u>
Total Requirements	<u>631,889</u>	<u>978,352</u>	<u>740,004</u>	<u>613,420</u>	<u>613,420</u>	<u>613,420</u>

Program: Storm Water & Open Space Capital Construction

Project	DO4711	Sand Creek Wetland
----------------	---------------	---------------------------

Project Description

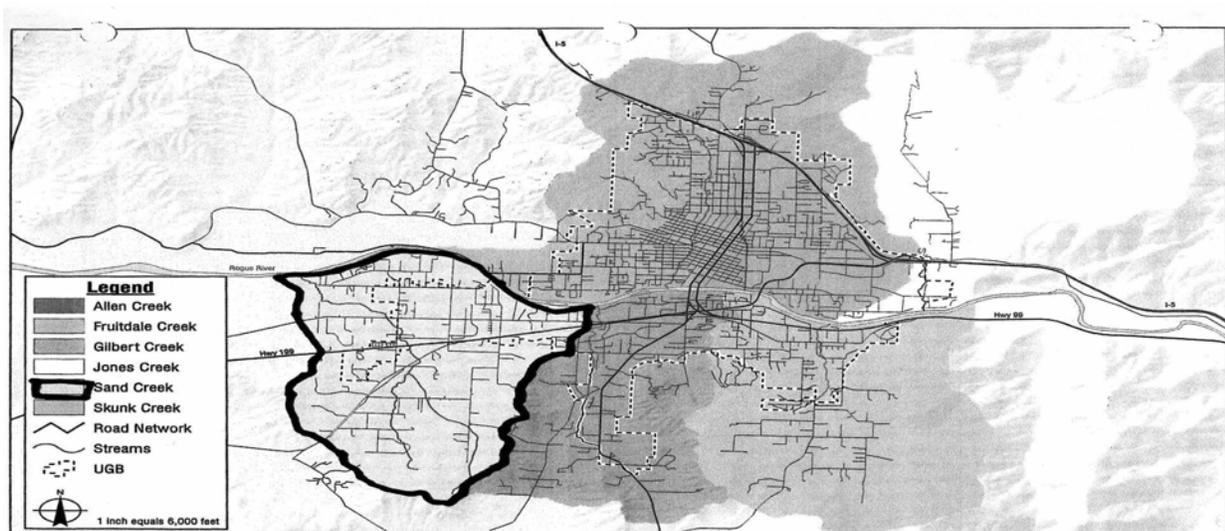
This project would purchase land in the Sand Creek Basin for future development for storm water detention and open space.

Need for Project

The draft Storm Water Master Plan identified property necessary to reduce the storm water flows in the Allen Creek Basin. This property would work well as a storm water detention area.

Estimated Total Project Cost: \$310,000

Funding Sources		Project Expenses by Budget Year	
Sand Creek Storm Water & Open Space SDC	50,000	Prior Years	2,000
General Fund	35,000	FY '06	18,000
Parks SDC	75,000	FY '07	10,000
		FY '08	130,000
	TOTAL	\$160,000	TOTAL
			\$160,000



Grants Pass Drainage Basin Summary
 FIGURE 1.1-1
 Stormwater Facilities Master Plan | City of Grants Pass

Program: Storm Water & Open Space Capital Construction

Project	DO4715	Storm Water and Open Space Master Plan
----------------	---------------	---

Project Description

This project is developing a new storm water and open space master plan that incorporates design elements of detention ponds, increased stream corridor protection, and water quality protection. The plan also addresses open space and methods to combine multiple public benefits of water quality and open space provision. A draft of the plan has been completed and this project will take the plan through hearings and prepare text changes for the municipal code to implement the plan.

The second element of the project is the completion of the technical work on four basins in the urbanizing area. This project will obtain and analyze technical data on rainfall, stream flows and project run off with factors such as soil type, slope and land cover. Recommendations and costs estimates will be prepared for detention and retention facilities and water quality protection

Need for Project

The current master plan is 20 years old and does not incorporate current best management practices for stormwater management or new federal regulations relating to pollution caused by stormwater. The new plan provides recommendations for managing water quality and quantity, protecting streams, the Rogue River and enhancing community quality of life. The plan also provides recommendations for storm and flood protection.

Estimated Total Project Cost: \$330,000

Funding Sources		Project Expenses by Budget Year	
Storm Water and Open Space SDC	300,000	Prior Years	115,000
General Fund	30,000	FY '06	180,000
		FY '07	35,000
		FY '08	0
TOTAL	\$330,000	TOTAL	\$330,000

Program: Storm Water & Open Space Capital Construction

Project	DO4748	Sand Creek Basin Construction
----------------	---------------	--------------------------------------

Project Description

This project will reimburse the City and County for costs to install storm pipe through the Sand Creek Basin. Projects are being installed either through development or in conjunction with capital projects.

Need for Project

The Sand Creek Area is currently being developed. The current Master Plan requires the installation of major storm lines (in excess of 36 inches in diameter). The City will collect the system development charges that will be used to install the major lines. In 2008, a line will be installed in Hubbard at the intersection with Redwood Avenue.

Estimated Total Project Cost: \$ Varies

Funding Sources		Project Expenses by Budget Year	
Sand Creek Storm Water and Open Space	30,000	Prior Years	0
SDC	0	FY '06	0
		FY '07	0
		FY '08	30,000
TOTAL	\$30,000	TOTAL	\$30,000



Program: Storm Water & Open Space Capital Construction

Project	DO4957 Storm Water Implementation
----------------	--

Project Description

This is phase two of the storm water management program. It will create the ordinances, training, and engineering documents necessary to implement the storm water management program. It is also developing a storm water utility to fund maintenance, inspections, and capital development.

Need for Project

The community is developing and can no longer rely on undeveloped land and the current drainage systems to provide its drainage needs. This project will allow the plan created through project DO4715 to be implemented.

Estimated Total Project Cost: \$265,000

Funding Sources		Project Expenses by Budget Year	
Storm Water & Open Space SDC	265,000	Prior Years	0
Storm Water Utility Fee (future)		FY '06	5,000
		FY '07	70,000
		FY '08	190,000
	TOTAL \$265,000	TOTAL	\$265,000

Program: Storm Water & Open Space Capital Construction

Project	DO4958 Redwood Pond Storm Line
----------------	---------------------------------------

Project Description

This project creates a regional wetland/storm facility north of Redwood Avenue.

Need for Project

The storm/open space Master Plan under review recommends the installation of a detention facility north of Redwood Avenue and east of Redwood Circle. This would involve a storm line connecting Redwood Avenue with this facility, expansion of the wetland & mitigation of the wetland.

Estimated Total Project Cost: \$725,000

Funding Sources		Project Expenses by Budget Year	
Storm Water & Open Space SDC (in coming years)	725,000	Prior Years	0
		FY '06	0
		FY '07	25,000
		FY '08	75,000
	TOTAL \$725,000	TOTAL	\$100,000



Program: Storm Water & Open Space Capital Construction

Project	DO0000	Fund 642 General Storm Water & Open Space SDC'S
----------------	---------------	--

Project Description

This project accounts for money collected during development in order to fund Storm Water & Open Space projects.

Need for Project

Since the establishment of the General Storm Water & Open Space 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: Not applicable

Funding Sources		Project Expenses by Budget Year	
Storm Water & Open Space SDC	545,000	Prior Years	427,000
Sand Creek Storm Water & Open Space SDC	714,000	FY '06	163,000
Investment Interest	30,000	FY '07	435,000
		FY '08	219,000
	TOTAL \$1,289,000	TOTAL	\$1,244,000

Program: Storm Water & Open Space Capital Construction

Project	DO0000	Fund 648 General Storm Water & Open Space Projects
----------------	---------------	---

Project Description

This project accounts for small miscellaneous projects, closed projects and projects that are in the process of starting up. Fund balances and miscellaneous expenditures that are not attributable to a specific project are accounted for in this project. Resources from a large variety of sources are distributed from this project to other active projects.

Need for Project

This Project allows for tracking of fund balances and miscellaneous expenditures.

Estimated Total Project Cost: \$ No true cost is associated with this project.

Funding Sources		Project Expenses by Budget Year	
Investment Interest	40,000	Prior Years	0
		FY '06	0
		FY '07	0
		FY '08	0
	TOTAL	TOTAL	\$0
	\$40,000		

WHERE THE ROGUE RIVER RUNS



© City of Grants Pass