

STORM WATER

Program: Utilities/Storm Water – 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 the Storm Water and Open Space Master Plan and implementation of the storm water management program. The General Fund will also contribute funds to allow for the implementation of the Rogue Basin Total Maximum Daily Load & Water Quality Management Plan as directed by the Oregon Department of Environmental Quality.

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 now \$422 per development. These monies will be used to pay for the planning, acquisition and capital development of facilities to accommodate and control storm water runoff, directly associated open space, and water quality control facilities to clean surface water runoff prior to natural surface water conveyances. The second SDC fee is being collected for storm water construction in the Sand Creek sub-basin area and the charge is currently \$12,439 per acre. Both of these charges will be collected at the time of the building or development permit until a new storm water 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 storm water master plan, utility ordinance, fees and rates will proceed at the direction of City Council.

Budget Highlights

New this year, we have separated the active projects from the projects that are completed or cancelled and currently being closed out. The Active Capital Project list includes projects coming to a close in FY’10 but which are not finalized at this time.

The project listing now shows resources across the columns. Columns show the Actual resources through FY’09, the re-assessed resource needs of projects using current data for the “Revised FY’10” column, guiding our “Recommended FY’11” and resources estimated “Through FY’11”. We have added “Future Years” and “Total Project” columns. The “Future Years” column includes resources shown on the individual project narrative pages as “FY’12 Projected” and “Future.”

Program: Utilities/Storm Water – Capital Construction

ALL ACTIVE CAPITAL PROJECT RESOURCES

		Actual Through FY'09	Revised FY'10	Recommend FY'11	Total Through FY'11	Future Years	Total Project
DO4711	Sand Creek Wetland	160,000	65,000	200,000	425,000	0	425,000
DO4715	Storm Water Master Plan	394,486	30,000	0	424,486	0	424,486
DO4957	Storm Water Implementation	185,000	0	0	185,000	0	185,000
DO5074	Major Redwood Storm Project	300,000	0	0	300,000	0	300,000
DO6071	TMDL Implementation Plan Startup	0	15,000	15,000	30,000	15,000	45,000
Fund 648	Miscellaneous Projects - 648	63,218	4,002	2,280	69,500	3,500	73,000
Fund 642	Miscellaneous Projects - SDC's	<u>535,719</u>	<u>14,031</u>	<u>(59,550)</u>	<u>490,200</u>	<u>44,850</u>	<u>535,050</u>
	Total Projects	<u>1,638,423</u>	<u>128,033</u>	<u>157,730</u>	<u>1,924,186</u>	<u>63,350</u>	<u>1,987,536</u>

ALL CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES

DO4748	Sand Creek Basin Construction	0	0	0	0	0	0
DO4958	Redwood Pond Storm Line	65,000	(65,000)	0	0	0	0
DO5068	Redwood Wetland Enhancements	15,000	(15,000)	0	0	0	0
DO6007	Clara Ave Storm Drain	<u>48,020</u>	<u>101,358</u>	<u>0</u>	<u>149,378</u>	<u>0</u>	<u>149,378</u>
	Total Projects	<u>128,020</u>	<u>21,358</u>	<u>0</u>	<u>149,378</u>	<u>0</u>	<u>149,378</u>

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Financial Summary

	ACTUAL FY'08 \$	ACTUAL FY'09 \$	BUDGET FY'10 \$	MANAGER RECOMMEND FY'11 \$	COMMITTEE APPROVED FY'11 \$	COUNCIL ADOPTED FY'11 \$	PROJECTED FY'12 \$
Beginning Fund Balance	<u>441,142</u>	<u>430,154</u>	<u>414,923</u>	<u>715,555</u>	<u>715,555</u>	<u>715,555</u>	<u>99,700</u>
Resources							
Storm Water SDC's	67,547	32,462	65,000	25,000	25,000	25,000	27,000
Sand Creek Storm SDC's	29,176	29,578	25,000	14,900	14,900	14,900	16,890
Investment Interest	6,600	2,262	500	2,535	2,535	2,535	3,980
Investment Interest	11,500	7,802	500	295	295	295	480
SDC Loan interest	2,072	3,268	0	0	0	0	0
General Fund - Policy and Leg.	50,000	313,000	0	15,000	15,000	15,000	15,000
Transportation Capital Projects	0	0	0	100,000	100,000	100,000	0
Parks SDC's	0	0	0	0	0	0	0
Misc. revenue	<u>0</u>	<u>20</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Current Resources	<u>166,895</u>	<u>388,392</u>	<u>91,000</u>	<u>157,730</u>	<u>157,730</u>	<u>157,730</u>	<u>63,350</u>
Total Resources	<u>608,037</u>	<u>818,546</u>	<u>505,923</u>	<u>873,285</u>	<u>873,285</u>	<u>873,285</u>	<u>163,050</u>
Requirements							
Master Plan Capital Outlay	61,614	0	65,000	122,992	122,992	122,992	0
Sand Creek Capital Outlay	56,269	196,200	250,000	635,593	635,593	635,593	0
Gen. Expense (Incl. Financing)	0	0	0	15,000	15,000	15,000	15,000
Master Plan Transfer Out	0	0	0	0	0	0	0
Sand Creek Transfer Out	60,000	15,000	0	0	0	0	0
Appropriated Fund Balance	<u>430,154</u>	<u>607,346</u>	<u>190,923</u>	<u>99,700</u>	<u>99,700</u>	<u>99,700</u>	<u>148,050</u>
Total Requirements	<u>608,037</u>	<u>818,546</u>	<u>505,923</u>	<u>873,285</u>	<u>873,285</u>	<u>873,285</u>	<u>163,050</u>

Capital Improvements – Storm Water & Open Space Projects

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

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
Storm Water & Open Space SDC	569,220	65,000	30,000	25,000	624,220	27,000		651,220
Neg.Rev:Transfer to Storm Projects	(549,451)	(30,000)	(30,000)		(579,451)			(579,451)
Sand Creek Storm Water & Open Space SDC	667,158	25,000	14,031	14,900	696,089	16,890		712,979
Neg.Rev:Transfer to Sand Creek Projects	(172,877)			(200,000)	(372,877)			(372,877)
Investment Interest	21,669	1,000		550	22,219	960		23,179
Returned Funds From Transportation Proj.				100,000	100,000			100,000
Total Resources					490,200			535,050

Requirements

Expenditures					0			0
Transfers	475,000				475,000			475,000
Ending Balance by Year	60,719	121,719	74,750	15,200	15,200	60,050	60,050	60,050
Total Requirements					490,200			535,050

Adopted FY'10 will NOT add into TOTALS

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Capital Improvements – Storm Water & Open Space Projects

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.

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
Investment Interest	63,218		4,002	2,280	69,500	3,500		73,000
					0			0
					0			0
Total Resources					69,500			73,000

Requirements

Expenditures					0			0
Transfers/Contingency					0			0
Ending Balance by Year	63,218	63,218	67,220	69,500	69,500	73,000	73,000	73,000
Total Requirements					69,500			73,000

Adopted FY'10 will NOT add into TOTALS

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Capital Improvements – Storm Water and Open Space Projects

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.



Original estimate of \$310,000 updated.

Estimated Total Project Cost: \$425,000

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
Storm Water & Open Space SDC- Sand Creek	50,000		65,000	200,000	315,000			315,000
General Fund – Policy & Legislation	35,000				35,000			35,000
Parks SDC's	75,000				75,000			75,000
Total Resources					425,000			425,000

Requirements

Expenditures	19,011			405,989	425,000			425,000
Transfers/Contingency					0			0
Ending Balance by Year	140,989	140,989	205,989	0	0	0	0	0
Total Requirements					425,000			425,000

Adopted FY'10 will NOT add into TOTALS

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Capital Improvements – Storm Water and Open Space Projects

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 over 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: \$495,000

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
Storm Water & Open Space SDC	364,451	30,000	30,000		394,451			394,451
General Fund – Policy & Legislation	30,000				30,000			30,000
					0			0
Total Resources					424,451			424,451

Requirements

Expenditures	329,488	65,000	15,000	79,963	424,451			424,451
Transfers/Contingency					0			0
Ending Balance by Year	64,963	29,963	79,963	0	0	0	0	0
Total Requirements					424,451			424,451

Adopted FY'10 will NOT add into TOTALS

Capital Improvements – Storm Water & Open Space Projects

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: \$185,000

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
Storm Water & Open Space SDC	185,000				185,000			185,000
					0			0
					0			0
Total Resources					185,000			185,000

Requirements

Expenditures	141,006		1,000	42,994	185,000			185,000
Transfers/Contingency					0			0
Ending Balance by Year	43,994	43,994	42,994	0	0	0	0	0
Total Requirements					185,000			185,000

Adopted FY'10 will NOT add into TOTALS

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Capital Improvements – Storm Water & Open Space Projects

Project DO5074 Major Redwood Storm Project

Project Description

This project will address a major drainage problem in the southwest portion of the Redwood Area.

Need for Project

A situation exists in the Redwood area that involves the current drainage canals and the water entering the area from the south. The City has received complaints and concerns from area residents. The flooding is not caused by additional water created through the development of land. This is existing water that needs additional outlets.

The Staff has completed some initial work which provided several options. The first is a small option that will make a significant different. The second would solve the problem. This project includes both elements. Council may select the first or both options.

This project cannot wait for the creation of the Storm Water Utility. It is proposed to be funded through the General Fund. It may be possible to reimburse the General Fund if a utility is created.

Estimated Total Project Cost: \$300,000

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
General Fund – Policy & Legislation	300,000				300,000			300,000
					0			0
					0			0
Total Resources					300,000			300,000

Requirements

Expenditures	45,396	250,000	25,000	229,604	300,000			300,000
Transfers/ Contingency					0			0
Ending Balance by Year	254,604	4,604	229,604	0	0	0	0	0
Total Requirements					300,000			300,000

Adopted FY'10 will NOT add into TOTALS

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Corrected 5/05/2010

Capital Improvements – Storm Water & Open Space Projects

Project	DO6071	TMDL Implementation Plan Startup
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Project Description

This project will begin the implementation of the new storm water TMDL requirements.

Need for Project

The City must meet new storm water TMDL requirements set by DEQ. The 5 year TMDL Implementation Plan is to be approved by DEQ in June 2010. The plan is to be put into effect immediately. Future funding for the implementation plan will come from the as yet un-adopted Storm Water Utility. This project will provide for the Plan initial startup funding.

Estimated Total Project Cost: \$45,000

Resources

	Actual Through FY'09	FY'10 Adopted	FY'10 Revised	FY'11 Recommend	Through FY'11	FY'12 Projected	Future	Total Project
General Fund - Policy & Legislation			15,000	15,000	30,000	15,000		45,000
					0			0
					0			0
Total Resources					30,000			45,000

Requirements

Expenditures				15,000	15,000	15,000	15,000	45,000
Transfers/Contingency					0			0
Ending Balance by Year	0	0	15,000	15,000	15,000	15,000	0	0
Total Requirements					30,000			45,000

Adopted FY'10 will NOT add into TOTALS

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