

STORM WATER

Program: Utilities/Storm Water - Capital Construction

ALL ACTIVE CAPITAL PROJECT: RESOURCES

	Actual Through FY'10	Revised FY'11	Adopted FY'12	Total Through FY'12	Future Years	Total Project
DO4711 Sand Creek Wetland	225,000	0	0	225,000	200,000	425,000
DO4715 Storm Water Master Plan	424,486	0	50,000	474,486	0	474,486
DO4957 Storm Water Implementation	185,000	0	0	185,000	0	185,000
DO5074 Major Redwood Storm Project	300,000	0	(200,000)	100,000	0	100,000
DO6071 TMDL Implementation Plan Startup	15,000	15,000	15,000	45,000	45,000	90,000
DO6113 Storm Water Quality Feature North of Estates Lane	0	0	150,000	150,000	0	150,000
DO0000 Miscellaneous Projects - 648	218,807	2,280	3,500	224,587	0	224,587
DO0000 Miscellaneous Projects - SDC's 642	<u>563,785</u>	<u>140,450</u>	<u>44,850</u>	<u>749,085</u>	<u>(54,085)</u>	<u>695,000</u>
Total Projects	<u>1,932,078</u>	<u>157,730</u>	<u>63,350</u>	<u>2,153,158</u>	<u>190,915</u>	<u>2,344,073</u>

Program: Utilities/Storm Water - 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	Adopted FY'12 Appropriated Fund Balance
DO 4711 Sand Creek Wetland	105,989	0	105,989	0	0
DO 4715 Storm Water Master Plan	54,998	50,000	104,998	0	0
DO 4957 Storm Water Implementation	30,913	0	30,913	0	0
DO5074 Major Redwood Storm Project	200,000	-200,000	0	0	0
DO6071 TMDL Implementation Plan Startup	15,000	15,000	30,000	0	0
DO6113 Storm Water Quality Feature North of Estates Lane	0	150,000	150,000	0	0
DO0000 Miscellaneous Projects - 648	71,869	3,500	0	60,000	15,369
DO0000 Miscellaneous Projects - SDC's 642	<u>229,235</u>	<u>44,850</u>	<u>0</u>	<u>160,000</u>	<u>114,085</u>
Total Projects	<u>708,004</u>	<u>63,350</u>	<u>421,900</u>	<u>220,000</u>	<u>129,454</u>

Program: Utilities/Storm Water & Open Space Projects – 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

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Storm Water & Open Space SDC's	586,920	25,000	25,000	27,000	27,000	638,920	100,915	739,835
Storm Water & Open Space SDC's to Proj.	-579,451					-579,451		-579,451
Investment Interest	31,809	550	550	960	960	33,319		33,319
Sand Creek Storm & Open Space SDC's	697,384	14,900	14,900	16,890	16,890	729,174	45,000	774,174
Sand Creek Storm to Projects	-172,877	-200,000				-172,877	-200,000	-372,877
Sand Creek SDC back from TR Project Fund		100,000	100,000			100,000		100,000
Total Resources						749,085		695,000

Requirements

Expenditures						0		0
Transfers/Contingency	475,000				160,000	635,000	60,000	695,000
Ending Balance by Year	88,785	15,200	229,235	60,050	114,085	114,085	0	0
Total Requirements						749,085		695,000

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

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Program: Utilities/Storm Water & Open Space Projects – 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.

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Investment Interest	69,589	2,280	2,280	3,500	3,500	75,369		75,369
						0		0
						0		0
Total Resources						75,369		75,369

Requirements

Expenditures						0		0
Transfers to TR4934					60,000	60,000		60,000
Ending Balance by Year	69,589	69,500	71,869	73,000	15,369	15,369	15,369	15,369
Total Requirements						75,369		75,369

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

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Program: Utilities/Storm Water & Open Space Projects – 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.



Original estimate of \$310,000 updated.

Future and Ongoing Costs:

Estimated Total Project Cost: \$425,000

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Storm Water & Open Space SDC- Sand Creek	115,000	200,000	0		0	115,000	200,000	315,000
General Fund – Policy & Legislation	35,000					35,000		35,000
Parks SDCs	75,000					75,000		75,000
Total Resources						225,000		425,000

Requirements

Expenditures	19,011	405,989	100,000		105,989	225,000	200,000	425,000
Transfers/Contingency						0		0
Ending Balance by Year	205,989	0	105,989	0	0	0	0	0
Total Requirements						225,000		425,000

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

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Program: Utilities/Storm Water & Open Space Projects – 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 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.

Future and Ongoing Costs: Completion of plan and formal adoption.

Estimated Total Project Cost: \$495,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Storm Water & Open Space SDC	394,451					394,451		394,451
General Fund – Policy & Legislation	30,000				50,000	80,000		80,000
Misc	35					35		35
Total Resources						474,486		474,486

Requirements

Expenditures	329,488	79,998	40,000		104,998	474,486		474,486
Transfers/Contingency						0		0
Ending Balance by Year	94,998	0	54,998	0	0	0	0	0
Total Requirements						474,486		474,486

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

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Program: Utilities/Storm Water & Open Space Projects – Capital Construction

Project DO4957 Storm Water Master Plan 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.

Future and Ongoing Costs: Plan completion and implementation.

Estimated Total Project Cost: \$185,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	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	141,093	42,994	12,994		30,913	185,000		185,000
Transfers/Contingency						0		0
Ending Balance by Year	43,907	0	30,913	0	0	0	0	0
Total Requirements						185,000		185,000

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

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Program: Utilities/Storm Water & Open Space Projects – Capital Construction

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 difference. 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.

Future and Ongoing Costs: Evaluation, design and construction.

Estimated Total Project Cost: \$300,000

Resources

	Actual Through FY'10	FY' 11 Adopted	FY'11 Revised	FY' 12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
Storm Water & Open Space SDC- Sand Creek						0		0
General Fund – Policy & Legislation	300,000				-200,000	100,000		100,000
						0		0
Total Resources						100,000		100,000

Requirements

Expenditures	45,396	229,604	54,604		0	100,000		100,000
Transfers/Contingency						0		0
Ending Balance by Year	254,604	0	200,000	0	0	0	0	0
Total Requirements						100,000		100,000

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

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Program: Utilities/Storm Water & Open Space Projects – Capital Construction

Project DO6071 TMDL Plan Implementation

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. The plan may include items such as public education, shading of streams or planting of trees. 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.

Future and Ongoing Costs: Plan implementation.

Estimated Total Project Cost: \$45,000

Resources

	Actual Through FY'10	FY'11 Adopted	FY'11 Revised	FY'12 Projected	FY'12 Adopted	Through FY'12	Future	Total Project
General Fund - Policy & Legislation	15,000	15,000	15,000	15,000	15,000	45,000	45,000	90,000
						0		0
						0		0
Total Resources						45,000		90,000

Requirements

Expenditures		15,000	15,000	15,000	30,000	45,000	45,000	90,000
Transfers/Contingency						0		0
Ending Balance by Year	15,000	15,000	15,000	15,000	0	0	0	0
Total Requirements						45,000		90,000

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Program: Utilities/Storm Water & Open Space Projects – Capital Construction

Project DO6113 Storm Water Quality Feature North of Estates Lane

Project Description

This project will install piping and a storm water quality feature on City owned property north of Estates Lane. The water quality feature will remove sediment and debris prior to storm water discharge to Southdown Estates pond.

Need for Project

Currently a piped storm drain from the south discharges onto the vacant property into an open ditch. The open ditch ends at the north side of the property and discharges into a pipe, which in turn discharges to the pond at Southdown Estates. The open ditch is unsightly. It is an ideal collection place for dog waste, yard debris and trash. This project will eliminate the attractive nuisance and enhance storm water quality prior to discharge to Southdown Estates pond.

Future and Ongoing Costs: Maintenance of the water quality feature.

Estimated Total Project Cost: \$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
Storm Water & Open Space SDC						0		0
Storm Water & Open Space SDC- Sand Creek						0		0
General Fund – Policy & Legislation					150,000	150,000		150,000
Total Resources						150,000		150,000

Requirements

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

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

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