
Program: Utilities/Storm Water – Capital Construction

Services Delivered:

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 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 (TMDL), 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 \$487 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 \$0.33 per square foot of lot area. 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 Charge is adopted by the City Council.

FY'17 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:

Maintain, Operate, and Expand our Infrastructure to Meet Community Needs

Objective 1: Plan and develop infrastructure

Action 8: Complete Storm Drain Master Plan and consider funding option.

- The Storm Drain Master Plan work has been initiated and will be completed in FY'17.

Objective 5: Ensure storm facility infrastructure needs are met

Action 1: Find the most cost-effective way to deal with storm water regulations.

- After the MS2Phase4 permit is issued, evaluation of implementation options will be conducted.

Action 2: Initiate the preparation of a Storm Water Implementation Plan following adoption of the Storm Water Master Plan.

- Initiation of the Storm Water Implementation Plan will begin after the establishment of the Storm Water Utility.

Action 3: Create and initiate the Storm Water Utility.

- The Storm Water Utility will be established after the rate study in FY'17.

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Budget Highlights:

The project listing shows resources across the columns. Columns show the “Actual resources through FY’15”; the re-assessed resource needs of projects using current data for the “Revised FY’16” column, guiding our “Adopted FY’17” and resources estimated “Through FY’17”. We have “Future Years” and “Total Project” columns for each project. Refer to the Capital Budget Book for more information on individual projects.

The individual project pages describe the project, the need, future and ongoing costs, and the total project cost. The tables show when and where the money is budgeted to come from, and the expenses incurred and budgeted to incur through completion.

FY’16 Activity Review:

- Continued implementation of the TMDL Plan.
- Continued the Update to the Storm Water Master Plan.
- Completed the installation of a water quality feature north of Estates Lane.

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ACTIVE CAPITAL PROJECT RESOURCES

		Actual Through FY'15	Revised FY'16	Adopted FY'17	Total Through FY'17	Future Years	Total Project
DO0000	Miscellaneous Projects - (648)	99,014	0	(30,000)	69,014	(9,240)	59,774
DO6071	TMDL Plan Implementation	150,000	30,000	15,000	195,000	120,000	315,000
DO6169	Stormwater Plan Update	390,000	5,000	40,000	435,000	0	435,000
NEW PROJECTS							
DO6319	Storm Water Utility & SDC Study	0	0	35,000	35,000	0	35,000
DO6320	Storm Water Management Manual	0	0	50,000	50,000	0	50,000
DO6321	General Engineering Services	<u>0</u>	<u>0</u>	<u>10,000</u>	<u>10,000</u>	<u>0</u>	<u>10,000</u>
	Total Projects	<u>639,014</u>	<u>35,000</u>	<u>120,000</u>	<u>794,014</u>	<u>110,760</u>	<u>904,774</u>
Storm Water SDC Funds							
	Miscellaneous Projects - SDC's (642)	<u>722,451</u>	<u>20,500</u>	<u>(14,500)</u>	<u>728,451</u>	<u>101,500</u>	<u>829,951</u>
	Total Miscellaneous Funds	<u>722,451</u>	<u>20,500</u>	<u>(14,500)</u>	<u>728,451</u>	<u>101,500</u>	<u>829,951</u>

CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES

DO6113	Storm Water Quality Feature North of Estates Lane	<u>150,000</u>	<u>89,000</u>	<u>0</u>	<u>239,000</u>	<u>0</u>	<u>239,000</u>
	Total Closed Projects	<u>150,000</u>	<u>89,000</u>	<u>0</u>	<u>239,000</u>	<u>0</u>	<u>239,000</u>
	Grand Total - Storm Water Funds	<u>1,511,465</u>	<u>144,500</u>	<u>105,500</u>	<u>1,761,465</u>	<u>212,260</u>	<u>1,973,725</u>

ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'17

		Adopted FY'17 Beginning Fund Balance	Adopted FY'17 Revenue	Adopted FY'17 Capital Outlay	Adopted FY'17 Transfers Out	Adopted FY'17 Appropriated Fund Balance
DO0000	Miscellaneous Projects - 648	42,839	(30,000)	0	0	12,839
DO6071	TMDL Plan Implementation	49,268	15,000	64,268	0	0
DO6169	Stormwater Plan Update	0	40,000	40,000	0	0
NEW PROJECTS						
DO6319	Storm Water Utility & SDC Study	0	35,000	35,000	0	0
DO6320	Storm Water Management Manual	0	50,000	50,000	0	0
DO6321	General Engineering Services	<u>0</u>	<u>10,000</u>	<u>10,000</u>	<u>0</u>	<u>0</u>
	Total Projects	<u>92,107</u>	<u>120,000</u>	<u>199,268</u>	<u>0</u>	<u>12,839</u>
Storm Water SDC Funds						
	Miscellaneous Projects - SDC's 642	<u>107,951</u>	<u>(14,500)</u>	<u>0</u>	<u>0</u>	<u>93,451</u>
	Grand Total - Storm Water Funds	<u>200,058</u>	<u>105,500</u>	<u>199,268</u>	<u>0</u>	<u>106,290</u>

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Financial Summary

	ACTUAL FY '14 \$	ACTUAL FY '15 \$	BUDGET FY '16 \$	REVISED FY'16 \$	A D O P T E D FY'17 \$	PROJECTED FY'18 \$
Beginning Fund Balance	<u>533,135</u>	<u>443,216</u>	<u>261,810</u>	<u>261,810</u>	<u>200,058</u>	<u>106,290</u>
Resources						
Development charges	56,091	79,075	25,000	25,000	25,000	25,000
Investment Interest	3,125	2,137	500	500	500	0
SDC/AFD Loans	9,941	2,420	0	0	0	0
General fund	14,011	15,000	15,000	15,000	35,000	15,000
Transportation Projects	<u>15,000</u>	<u>15,000</u>	<u>105,000</u>	<u>105,000</u>	<u>45,000</u>	<u>15,000</u>
<i>Total Current Revenues</i>	<u>98,168</u>	<u>113,631</u>	<u>145,500</u>	<u>145,500</u>	<u>105,500</u>	<u>55,000</u>
Total Resources	<u>631,303</u>	<u>556,847</u>	<u>407,310</u>	<u>407,310</u>	<u>305,558</u>	<u>161,290</u>
Requirements						
Capital Outlay	113,087	133,455	288,232	288,232	199,268	30,000
Transfers Out	<u>75,000</u>	<u>112,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<i>Subtotal Expenditures</i>	<u>188,087</u>	<u>245,455</u>	<u>288,232</u>	<u>288,232</u>	<u>199,268</u>	<u>30,000</u>
Appropriated Fund Balance	<u>443,216</u>	<u>311,392</u>	<u>119,078</u>	<u>119,078</u>	<u>106,290</u>	<u>131,290</u>
Total Requirements	<u>631,303</u>	<u>556,847</u>	<u>407,310</u>	<u>407,310</u>	<u>305,558</u>	<u>161,290</u>

Program: Utilities/Storm Water – Capital Construction

Project	DO0000	Fund 648 General Storm Water & Open Space Projects
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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 are distributed from this project to other active projects.



Need for Project

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

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs
Objective 5: Ensure storm facility infrastructure needs are met.

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

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Investment Interest	86,360				86,360			86,360
AFD	12,608				12,608			12,608
General Fund – Policy & Legislation	46				46			46
Storm Water & Open Space Capital				(30,000)	(30,000)		(9,240)	(39,240)
Total Resources					69,014			59,774

Requirements

Expenditures	(77)				(77)			(77)
Transfers to Projects	60,000				60,000			60,000
Ending Balance by Year	39,091		39,091	9,091	9,091	9,091	(149)	(149)
Total Requirements					69,014			59,774

Program: Utilities/Storm Water – Capital Construction

Project	DO6071	TMDL Plan Implementation
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Project Description

This project will continue 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 was approved by DEQ. The plan includes items such as public education, shading of streams and planting of trees. Future funding for the implementation plan will come from the as yet un-adopted Storm Water Utility.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met.

Future and Ongoing Costs

Plan implementation.

Estimated Total Project Cost: \$30,000 yearly as available (Project cost revised from \$45,000)

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	105,000	15,000	15,000		120,000	15,000	45,000	180,000
Gas Tax	45,000	15,000	15,000	15,000	75,000	15,000	45,000	135,000
Total Resources					195,000			315,000

Requirements

Expenditures	70,732	79,329	60,000	64,268	195,000	30,000	90,000	315,000
Transfers/Contingency					0			0
Ending Balance by Year	79,268	0	49,268	0	0	0	0	0
Total Requirements					195,000			315,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6169	Storm Water Master Plan Update
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Project Description

This project will update the 2007 draft master plan for adoption. The flow model, capital improvement plan (CIP) and financing alternatives will also be updated.

Need for Project

The 2007 draft master plan was never adopted. This project will update the draft plan to reflect the new Urban Growth Boundary. With the revised CIP, financing alternatives can be developed and evaluated.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met.

Future and Ongoing Costs

Completion of plan and formal adoption.

Estimated Total Project Cost: \$435,000 (Revised from \$345,000 due to an additional 2 months of flow monitoring)

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Storm Water & Open Space SDC	390,000	5,000	5,000	40,000	435,000			435,000
General Fund – Policy & Legislation					0			0
Total Resources					435,000			435,000

Requirements

Expenditures	352,849	50,320	42,151	40,000	435,000			435,000
Transfers/ Contingency					0			0
Ending Balance by Year	37,151	0	0	0	0	0	0	0
Total Requirements					435,000			435,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6319	Storm Water Utility & SDC Study
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Project Description

This project will evaluate and recommend appropriate storm water utility rates and storm water System Development Charges after the Storm Water Master Plan is adopted.

Need for Project

There is no storm water utility. Currently, non-street related storm water issues are funded by the general fund. After adoption of the storm water master plan, appropriate methodology will be used to help ensure new system users pay an appropriate share of the costs.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs
Objective 5: Ensure storm facility infrastructure needs are met.

Future and Ongoing Costs

Not applicable

Estimated Total Project Cost: \$35,000

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Storm Water & Open Space Projects					0			0
General Fund – Policy & Legislation				35,000	35,000			35,000
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
Total Requirements					35,000			35,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6320	Storm Water Management Manual
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Project Description

The storm water management manual is a technical document outlining storm water management requirements for development and redevelopment projects within the City on both private and public property.

Need for Project

This manual will outline requirements and policies regarding storm water infiltration, discharge, flow control and pollution reduction. In addition, the manual will provide design guidelines and specifications for storm water management facilities to meet the City’s requirements/policies. The manual will provide operations and maintenance requirements for all projects.

Council Strategic Goal:

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met.

Future and Ongoing Costs

Not applicable

Estimated Total Project Cost: \$50,000

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Storm Water & Open Space Projects				20,000	20,000			20,000
General Fund – Policy & Legislation					0			0
TR Capital Project Fund				30,000	30,000			30,000
Total Resources					50,000			50,000

Requirements

Expenditures				50,000	50,000			50,000
Transfers/Contingency					0			0
Ending Balance by Year	0		0	0	0	0	0	0
Total Requirements					50,000			50,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6321	General Engineering Services
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Project Description

This project will fund a variety of small engineering assignments on the City’s storm water facilities.

Need for Project

Given the nature of these individual assignments, it is desired for our master services consultant to provide general engineering support and guidance for the overall storm water program.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs
Objective 5: Ensure storm facility infrastructure needs are met.

Future and Ongoing Costs

General support for the storm water system.

Estimated Total Project Cost: \$10,000 per year as funds are available

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation					0			0
Storm Water & Open Space Capital				10,000	10,000			10,000
Total Resources					10,000			10,000

Requirements

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

Project Closed – FY 2016

Program: Utilities/Storm Water – Capital Construction

Project	DO6113	Storm Water Quality Feature North of Estates Lane
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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.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met.

Future and Ongoing Costs

Maintenance of the water quality feature.

Estimated Total Project Cost: \$245,000 (Revised from \$150,000 to account for loan repayment)

Resources

	Actual Through FY'15	FY'16 Adopted	FY'16 Revised	FY'17 Adopted	Through FY'17	FY'18 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	150,000				150,000			150,000
TR Capital Project Fund Gas Tax		90,000	89,000		89,000			89,000
Total Resources					239,000			239,000

Requirements

Expenditures	15,314	158,583	153,686		169,000			169,000
Transfers/ Storm Water Operation Fund	70,000				70,000			70,000
Ending Balance by Year	64,686	0	0	0	0	0	0	0
Total Requirements					239,000			239,000

