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## **Program: Utilities/Storm Water – Capital Construction**

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### **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 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 (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 \$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.

### **FY'14 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:**

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

##### **Objective 1: Plan for utility infrastructure**

- Update Storm Water Master Plan, utility ordinance, fees and rates at the direction of City Council.

##### **Objective 4: Ensure storm facility infrastructure needs are met**

- Install a storm water quality feature north of Estates Lane.
- Continue with the implementation of the TMDL Plan.

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## **Program: Utilities/Storm Water – Capital Construction**

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### **Budget Highlights:**

The Active Capital Project list includes projects coming to a close in FY'13, but which are not finalized at this time.

The project listing shows resources across the columns. Columns show the “Actual resources through FY'12”; the re-assessed resource needs of projects using current data for the “Revised FY'13” column, guiding our “Adopted FY'14” and resources estimated “Through FY'14”. We have “Future Years” and “Total Project” columns for each project. Refer to the individual project pages for more information on each project.

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'13 Activity Review:**

- Continued implementation of the TMDL Plan.
- Transferred funds to TR4934 for storm water capital improvements to be completed during the street project construction.
- Began the Update to the Storm Water Master Plan.

## Program: Utilities/Storm Water – Capital Construction

### ACTIVE CAPITAL PROJECT RESOURCES

		Actual Through FY'12	Revised FY'13	Adopted FY'14	Total Through FY'14	Future Years	Total Project
DO0000	Miscellaneous Projects - SDC's (642)	793,865	(95,000)	(18,000)	680,865	48,000	728,865
DO0000	Miscellaneous Projects - (648)	79,628	0	0	79,628	0	79,628
DO5074	Major Redwood Storm Project	100,000	0	0	100,000	0	100,000
DO6071	TMDL Implementation Plan Startup	45,000	30,000	45,000	120,000	120,000	240,000
DO6113	Storm Water Quality Feature North of Estates Lane	150,000	0	0	150,000	0	150,000
DO6169	Stormwater Plan Update	<u>0</u>	<u>225,000</u>	<u>60,000</u>	<u>285,000</u>	<u>60,000</u>	<u>345,000</u>
	<b>Total Projects</b>	<b><u>1,168,493</u></b>	<b><u>160,000</u></b>	<b><u>87,000</u></b>	<b><u>1,415,493</u></b>	<b><u>228,000</u></b>	<b><u>1,643,493</u></b>

### CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES

DO4711	Sand Creek Wetland	<u>225,000</u>	<u>(100,000)</u>	<u>(30,000)</u>	<u>95,000</u>	<u>0</u>	<u>95,000</u>
	<b>Grand Total - All Projects</b>	<b><u>1,393,493</u></b>	<b><u>60,000</u></b>	<b><u>57,000</u></b>	<b><u>1,510,493</u></b>	<b><u>228,000</u></b>	<b><u>1,738,493</u></b>

### ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'14

		Adopted FY'14 Beginning Fund Balance	Adopted FY'14 Revenue	Adopted FY'14 Capital Outlay	Adopted FY'14 Transfers Out	Adopted FY'14 Appropriated Fund Balance
DO0000	Miscellaneous Projects - SDC's 642	63,865	(18,000)	0	0	45,865
DO0000	Miscellaneous Projects - 648	19,628	0	0	0	19,628
DO5074	Major Redwood Storm Project	22,691	0	22,691	0	0
DO6071	TMDL Implementation Plan Startup	15,105	45,000	60,105	0	0
DO6113	Storm Water Quality Feature North of Estates Lane	95,506	0	95,506	0	0
DO6169	Storm water Plan Update	35,000	60,000	95,000	0	0
	<b>Total Projects</b>	<b><u>251,795</u></b>	<b><u>87,000</u></b>	<b><u>273,302</u></b>	<b><u>0</u></b>	<b><u>65,493</u></b>

### CLOSED CAPITAL PROJECT SUMMARIES FOR FY'14

DO4711	Sand Creek Wetland	<u>105,000</u>	<u>(30,000)</u>	<u>0</u>	<u>75,000</u>	<u>0</u>
	<b>Grand Total - All Projects</b>	<b><u>356,795</u></b>	<b><u>57,000</u></b>	<b><u>273,302</u></b>	<b><u>75,000</u></b>	<b><u>65,493</u></b>

## Program: Utilities/Storm Water – Capital Construction

### Financial Summary

	ACTUAL FY'11 \$	ACTUAL FY'12 \$	BUDGET FY'13 \$	MANAGER RECOMMEND FY'14 \$	COMMITTEE APPROVED FY'14 \$	COUNCIL ADOPTED FY'14 \$	PROJECTED FY'15 \$
Beginning Fund Balance	<u>772,872</u>	<u>801,715</u>	<u>704,297</u>	<u>356,795</u>	<u>356,795</u>	<u>356,795</u>	<u>65,493</u>
<b>Resources</b>							
Development Charges	12,538	22,945	15,000	25,000	25,000	25,000	25,000
Investment Interest	6,143	5,226	0	2,000	2,000	2,000	2,000
SDC Loans	2,288	2,589	0	0	0	0	0
General Fund	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Transportation Projects	<u>0</u>	<u>0</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>
<i>Total Current Revenues</i>	<u>35,969</u>	<u>45,760</u>	<u>45,000</u>	<u>57,000</u>	<u>57,000</u>	<u>57,000</u>	<u>57,000</u>
<b>Total Resources</b>	<b><u>808,841</u></b>	<b><u>847,475</u></b>	<b><u>749,297</u></b>	<b><u>413,795</u></b>	<b><u>413,795</u></b>	<b><u>413,795</u></b>	<b><u>122,493</u></b>
<b>Requirements</b>							
Capital Outlay	7,126	24,691	472,000	273,302	273,302	273,302	90,000
Transfers Out	<u>0</u>	<u>0</u>	<u>220,000</u>	<u>75,000</u>	<u>75,000</u>	<u>75,000</u>	<u>0</u>
<i>Subtotal Expenditures</i>	<u>7,126</u>	<u>24,691</u>	<u>692,000</u>	<u>348,302</u>	<u>348,302</u>	<u>348,302</u>	<u>90,000</u>
Appropriated Fund Balance	<u>801,715</u>	<u>822,784</u>	<u>57,297</u>	<u>65,493</u>	<u>65,493</u>	<u>65,493</u>	<u>32,493</u>
<b>Total Requirements</b>	<b><u>808,841</u></b>	<b><u>847,475</u></b>	<b><u>749,297</u></b>	<b><u>413,795</u></b>	<b><u>413,795</u></b>	<b><u>413,795</u></b>	<b><u>122,493</u></b>

## Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO0000</b>	<b>Fund 642 General Storm Water &amp; Open Space SDC'S</b>
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### 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'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future	Total Project
Storm Water & Open Space SDC's	629,268	10,000	15,000	15,000	<b>659,268</b>	15,000	45,000	<b>719,268</b>
Storm Water & Open Space SDC's to Proj.	(391,061)	(225,000)	(225,000)	(60,000)	<b>(676,061)</b>	(60,000)		<b>(736,061)</b>
Investment Interest	23,693			2,000	<b>25,693</b>	2,000	6,000	<b>33,693</b>
Sand Creek Storm & Open Space SDC's	704,842	5,000	15,000	10,000	<b>729,842</b>	10,000	30,000	<b>769,842</b>
Sand Creek Storm to Projects	(172,877)	100,000	100,000	15,000	<b>(57,877)</b>			<b>(57,877)</b>
					<b>0</b>			<b>0</b>
<b>Total Resources</b>					<b>680,865</b>			<b>728,865</b>

### Requirements

Expenditures					<b>0</b>			<b>0</b>
Transfers to TR4934	475,000	160,000	160,000		<b>635,000</b>			<b>635,000</b>
<b>Ending Balance by Year</b>	<b>318,865</b>	<b>38,535</b>	<b>63,865</b>	<b>45,865</b>	<b>45,865</b>	<b>12,865</b>	<b>93,865</b>	<b>93,865</b>
<b>Total Requirements</b>					<b>680,865</b>			<b>728,865</b>

## Program: Utilities/Storm Water – 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'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future	Total Project
Investment Interest	79,628				79,628			79,628
					0			0
					0			0
<b>Total Resources</b>					79,628			79,628

### Requirements

Expenditures					0			0
Transfers to TR4934		60,000	60,000		60,000			60,000
<b>Ending Balance by Year</b>	79,628	18,762	19,628	19,628	19,628	19,628	19,628	19,628
<b>Total Requirements</b>					79,628			79,628

## Program: Utilities/Storm Water – Capital Construction

Project	DO5074	Major Redwood Storm Project
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### 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.

Potential improvements downstream of the Southdown Estates pond will be evaluated after design completion for TR4934.

**Council Strategic Goal:** Maintain, Operate and Expand Our Infrastructure to Meet Community Needs  
Objective 4: Ensure storm facility infrastructure needs are met.

**Future and Ongoing Costs:** Evaluation, design and construction.

Estimated project cost revised from \$300,000

**Estimated Total Project Cost: \$100,000**

### Resources

	Actual Through FY'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	100,000				100,000			100,000
					0			0
<b>Total Resources</b>					100,000			100,000

### Requirements

Expenditures	52,309	27,000	25,000	22,691	100,000			100,000
Transfers/Contingency					0			0
<b>Ending Balance by Year</b>	<b>47,691</b>	<b>0</b>	<b>22,691</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					100,000			100,000

## Program: Utilities/Storm Water – Capital Construction

Project	DO6071	TMDL Plan Implementation
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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 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.

**Future and Ongoing Costs:** Plan implementation.

Project cost revised from \$45,000.

**Estimated Total Project Cost:** \$30,000 yearly as available

### Resources

	Actual Through FY'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future Through FY'18	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	45,000	15,000	15,000	30,000	90,000	15,000	45,000	150,000
Gas Tax		15,000	15,000	15,000	30,000	15,000	45,000	90,000
<b>Total Resources</b>					120,000			240,000

### Requirements

Expenditures	19,895	45,000	40,000	60,105	120,000	30,000	90,000	240,000
Transfers/Contingency					0			0
<b>Ending Balance by Year</b>	<b>25,105</b>	<b>0</b>	<b>15,105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					120,000			240,000

## 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 4: Ensure storm facility infrastructure needs are met.

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

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

### Resources

	Actual Through FY'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	150,000				150,000			150,000
					0			0
<b>Total Resources</b>					150,000			150,000

### Requirements

Expenditures	4,494	100,000	50,000	95,506	150,000			150,000
Transfers/Contingency					0			0
<b>Ending Balance by Year</b>	<b>145,506</b>	<b>0</b>	<b>95,506</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					150,000			150,000

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## Program: Utilities/Storm Water – Capital Construction

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<b>Project</b>	<b>DO6169</b>	<b>Stormwater Master Plan Update</b>
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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 1: Plan for utility infrastructure.

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

**Estimated Total Project Cost: \$345,000** revised from \$225,000 to reflect implementation and financing

### Resources

	Actual Through FY'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future	Total Project
Storm Water & Open Space SDC		225,000	225,000	60,000	<b>285,000</b>	60,000		<b>345,000</b>
General Fund – Policy & Legislation					<b>0</b>			<b>0</b>
Parks SDCs					<b>0</b>			<b>0</b>
<b>Total Resources</b>					<b>285,000</b>			<b>345,000</b>

### Requirements

Expenditures		225,000	190,000	95,000	<b>285,000</b>	60,000		<b>345,000</b>
Transfers/Contingency					<b>0</b>			<b>0</b>
<b>Ending Balance by Year</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					<b>285,000</b>			<b>345,000</b>

## Project Closed – FY 2013

### Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO4711</b>	<b>Sand Creek Wetland</b>
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#### 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.



#### Project to Close

**Estimated Total Project Cost:     \$310,000**

#### Resources

	Actual Through FY'12	FY'13 Adopted	FY'13 Revised	FY'14 Adopted	Through FY'14	FY'15 Projected	Future	Total Project
Storm Water & Open Space SDC – Sand Creek	115,000	(100,000)	(100,000)	(15,000)	0			0
General Fund – Policy & Legislation	35,000			(15,000)	20,000			20,000
Parks SDCs	75,000				75,000			75,000
<b>Total Resources</b>					<b>95,000</b>			<b>95,000</b>

#### Requirements

Expenditures	19,011	75,000	989		20,000			20,000
Transfers: Return Parks SDCs				75,000	75,000			75,000
<b>Ending Balance by Year</b>	<b>205,989</b>	<b>0</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					<b>95,000</b>			<b>95,000</b>

**WHERE THE ROGUE RIVER RUNS**



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