

# STORM WATER AND OPEN SPACE

## ACTIVITIES

\*Storm Water Maintenance Services

\*Customer Services

\*General Program Operations

\*Capital Construction

## DESCRIPTION

This has been proposed to be a new utility program for the City. Storm drain maintenance had been combined with the Street maintenance in past years. Funding has been inadequate to actively address increased flooding and drainage problems. A previous City Council had resolved to implement a Storm Water Utility including a new Master Plan and funding resources. Funds for this activity were to be derived from a monthly utility fee and a System Development Charge (SDC) for new construction. Collection of monthly fees and SDC's will only occur after formal adoption of the utility.

	ACTUAL FY'13 \$	ACTUAL FY'14 \$	BUDGET FY'15 \$	MANAGER RECOMMEND FY'16 \$	COMMITTEE APPROVED FY'16 \$	COUNCIL ADOPTED FY'16 \$	PROJECTED FY'17 \$
Program Generated Resources	<u>933,679</u>	<u>641,866</u>	<u>491,112</u>	<u>407,310</u>	<u>407,310</u>	<u>407,310</u>	<u>174,578</u>
<b>Total Resources</b>	<b><u>933,679</u></b>	<b><u>641,866</u></b>	<b><u>491,112</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>
Requirements							
General Program Operations	10,563	10,563	146,563	0	0	0	0
Capital Construction	<u>923,116</u>	<u>631,303</u>	<u>344,549</u>	<u>407,310</u>	<u>407,310</u>	<u>407,310</u>	<u>174,578</u>
<b>Total Requirements</b>	<b><u>933,679</u></b>	<b><u>641,866</u></b>	<b><u>491,112</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>

---

## **Program: Utilities/Storm Water Program**

---

### **Services Delivered:**

The Storm Water Program strives to provide a safe, well-maintained drainage system through a systematic and cost-effective maintenance and capital program.

Funding will be derived from two sources; a monthly utility fee and a system development charge. This fund will provide 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 to date has been able to provide little more than a response 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.

## Program: Utilities/Storm Water Program

### Program Financial Summary

Resources	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'13	FY'14	FY'15	FY'16	FY'16	FY'16	FY'17
	\$	\$	\$	\$	\$	\$	\$
Beginning Balance	<u>10,563</u>	<u>10,563</u>	<u>10,563</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Current Resources							
Activity Generated							
Transfers	0	0	136,000	0	0	0	0
Capital Construction	<u>923,116</u>	<u>631,303</u>	<u>344,549</u>	<u>407,310</u>	<u>407,310</u>	<u>407,310</u>	<u>174,578</u>
<i>Total Current Revenues</i>	<u>923,116</u>	<u>631,303</u>	<u>480,549</u>	<u>407,310</u>	<u>407,310</u>	<u>407,310</u>	<u>174,578</u>
<b>Total Resources</b>	<b><u>933,679</u></b>	<b><u>641,866</u></b>	<b><u>491,112</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'13	FY'14	FY'15	FY'16	FY'16	FY'16	FY'17
	\$	\$	\$	\$	\$	\$	\$
Capital Construction	703,116	556,303	232,549	407,310	407,310	407,310	174,578
Debt Service	0	0	146,205	0	0	0	0
Transfers Out	<u>220,000</u>	<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>923,116</u>	<u>631,303</u>	<u>490,754</u>	<u>407,310</u>	<u>407,310</u>	<u>407,310</u>	<u>174,578</u>
Contingencies	0	0	358	0	0	0	0
Ending Balance	<u>10,563</u>	<u>10,563</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<b><u>933,679</u></b>	<b><u>641,866</u></b>	<b><u>491,112</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>

---

## **Program: Utilities/Storm Water – Maintenance Services**

---

### **Services Delivered:**

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

### **FY'16 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:**

#### **Maintain, Operate, and Expand our Infrastructure**

##### **Objective 1: Plan and develop infrastructure**

**Action 9:** Complete Storm Drain Master Plan and consider funding option.

- Work on the Storm Water Master Plan is continuing via efforts by an outside consultant.

##### **Objective 5: Ensure storm facility infrastructure needs are met**

**Action 1:** Initiate the preparation of a storm water implementation plan following adoption of the Storm Water Master Plan.

- Upon completion of the master plan and adoption by City Council, the subsequent implementation plan will be prepared.

**Action 2:** Create and initiate the Storm Water utility.

- Upon the adoption of the Storm Water Master Plan, Council will be requested to create and implement the storm water utility to enable funding to meet the NPDES Municipal Storm Water Permit program requirements.

### **Budget Highlights:**

The Storm Water Maintenance budget will not show direct expenses until the budget cycle following formal adoption of the Storm Water Utility.

### **FY'15 Activity Review:**

This will be a new program budget following adoption of the Storm Water Utility. FY'15 storm drainage activities have been provided in the Transportation/Street Operating budget.

---

**Program: Utilities/Storm Water – Maintenance Services**

---

**Financial Summary**

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'13	FY'14	FY'15	FY'16	FY'16	FY'16	FY'17
	\$	\$	\$	\$	\$	\$	\$
Personnel Services	0	0	0	0	0	0	0
Materials & Supplies	0	0	0	0	0	0	0
Contractual/Prof Services	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**Personnel**

	BUDGET	BUDGET	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'13	FY'14	FY'15	FY'16	FY'16	FY'16	FY'17
	#	#	#	#	#	#	#
Public Works Director							
From: Water Treatment	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>Total Positions</b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>

---

## Program: Utilities/Storm Water – Customer Services

---

### Services Delivered:

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

### FY'16 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:

The Storm Water Utility is not expected to be established this Fiscal Year by action of the City Council. Implementation would require Administrative Services to create a new billing and collection system for customers of this Utility.

### 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.

### Financial Summary

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'13	FY'14	FY'15	FY'16	FY'16	FY'16	FY'17
	\$	\$	\$	\$	\$	\$	\$
Direct Charges	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

---

## Program: Utilities/Storm Water – 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'16 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:

No activity is expected this year.

### Financial Summary

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL	PROJECTED
	FY'13	FY'14	FY'15	RECOMMEND	APPROVED	ADOPTED	FY'17
	\$	\$	\$	FY'16	FY'16	FY'16	\$
Debt Service	<u>0</u>	<u>0</u>	<u>146,205</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<i>Subtotal Expenditures</i>	<i>0</i>	<i>0</i>	<i>146,205</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Contingencies	0	0	358	0	0	0	0
Ending Balance	<u>10,563</u>	<u>10,563</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Requirements</b>	<b><u>10,563</u></b>	<b><u>10,563</u></b>	<b><u>146,563</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

---

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

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

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

- Continue update on Storm Water Master Plan, utility ordinance, fees and rates at the direction of City Council. The master plan will include a capital improvement plan which will prioritize the construction projects to be pursued in the future.

##### **Objective 5: Ensure storm facility infrastructure needs are met**

**Action 1:** Initiate the preparation of a storm water implementation plan following adoption of the Storm Water Master Plan.

- The implementation plan will dictate the project schedule.

**Action 2:** Create and initiate the Storm Water utility.

- The establishment of the utility will create a funding source for the capital projects.



---

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

---

### **Budget Highlights:**

The project listing shows resources across the columns. Columns show the “Actual resources through FY’ 14”; the re-assessed resource needs of projects using current data for the “Revised FY’ 15” column, guiding our “Adopted FY’ 16” and resources estimated “Through FY’ 16”. 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’15 Activity Review:**

- Continued implementation of the TMDL Plan.
- Continued the Update to the Storm Water Master Plan.

## Program: Utilities/Storm Water – Capital Construction

### ACTIVE CAPITAL PROJECT RESOURCES

	Actual Through FY'14	Revised FY'15	Adopted FY'16	Total Through FY'16	Future Years	Total Project
DO0000 Miscellaneous Projects - SDC's (642)	746,313	(53,000)	20,500	713,813	102,000	815,813
DO0000 Miscellaneous Projects - (648)	96,670	3,595	0	100,265	0	100,265
DO6071 TMDL Plan Implementation	120,000	30,000	30,000	180,000	120,000	300,000
DO6113 Storm Water Quality Feature North of Estates Lane	150,000	3,595	90,000	243,595	0	243,595
DO6169 Stormwater Plan Update	<u>285,000</u>	<u>105,000</u>	<u>5,000</u>	<u>395,000</u>	<u>0</u>	<u>395,000</u>
<b>Total Projects</b>	<b><u>1,397,983</u></b>	<b><u>89,190</u></b>	<b><u>145,500</u></b>	<b><u>1,632,673</u></b>	<b><u>222,000</u></b>	<b><u>1,854,673</u></b>

### CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES

DO5074 Major Redwood Storm Project	<u>100,000</u>	<u>(3,595)</u>	<u>0</u>	<u>96,405</u>	<u>0</u>	<u>96,405</u>
<b>Total Closed Projects</b>	<b><u>100,000</u></b>	<b><u>(3,595)</u></b>	<b><u>0</u></b>	<b><u>96,405</u></b>	<b><u>0</u></b>	<b><u>96,405</u></b>
<b>Grand Total - All Projects</b>	<b><u>1,497,983</u></b>	<b><u>85,595</u></b>	<b><u>145,500</u></b>	<b><u>1,729,078</u></b>	<b><u>222,000</u></b>	<b><u>1,951,078</u></b>

### ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'16

	Adopted FY'16 Beginning Fund Balance	Adopted FY'16 Revenue	Adopted FY'16 Capital Outlay	Adopted FY'16 Transfers Out	Adopted FY'16 Appropriated Fund Balance
DO0000 Miscellaneous Projects - SDC's 642	58,313	20,500	0	0	78,813
DO0000 Miscellaneous Projects - 648	40,265	0	0	0	40,265
DO6071 TMDL Plan Implementation	49,329	30,000	79,329	0	0
DO6113 Storm Water Quality Feature North of Estates Lane	68,583	90,000	158,583	0	0
DO6169 Stormwater Plan Update	<u>45,320</u>	<u>5,000</u>	<u>50,320</u>	<u>0</u>	<u>0</u>
<b>Total Projects</b>	<b><u>261,810</u></b>	<b><u>145,500</u></b>	<b><u>288,232</u></b>	<b><u>0</u></b>	<b><u>119,078</u></b>

This is a summary sheet of all the Capital Projects that are discussed in detail in the Capital Budget Book.

## Program: Utilities/Storm Water – Capital Construction

### Financial Summary

	ACTUAL FY'13 \$	ACTUAL FY'14 \$	BUDGET FY'15 \$	MANAGER RECOMMEND FY'16 \$	COMMITTEE APPROVED FY'16 \$	COUNCIL ADOPTED FY'16 \$	PROJECTED FY'17 \$
Beginning Fund Balance	<u>826,532</u>	<u>533,135</u>	<u>287,549</u>	<u>261,810</u>	<u>261,810</u>	<u>261,810</u>	<u>119,078</u>
<b>Resources</b>							
Development charges	60,371	56,091	25,000	25,000	25,000	25,000	25,000
Investment Interest	3,893	3,125	2,000	500	500	500	500
SDC/AFD Loans	2,320	9,941	0	0	0	0	0
General fund	15,000	14,011	15,000	15,000	15,000	15,000	15,000
Transportation Projects	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>105,000</u>	<u>105,000</u>	<u>105,000</u>	<u>15,000</u>
<i>Total Current Revenues</i>	<u><i>96,584</i></u>	<u><i>98,168</i></u>	<u><i>57,000</i></u>	<u><i>145,500</i></u>	<u><i>145,500</i></u>	<u><i>145,500</i></u>	<u><i>55,500</i></u>
<b>Total Resources</b>	<b><u>923,116</u></b>	<b><u>631,303</u></b>	<b><u>344,549</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>
<b>Requirements</b>							
Capital Outlay	169,981	113,087	204,725	288,232	288,232	288,232	30,000
Transfers Out	<u>220,000</u>	<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><i>389,981</i></u>	<u><i>188,087</i></u>	<u><i>316,725</i></u>	<u><i>288,232</i></u>	<u><i>288,232</i></u>	<u><i>288,232</i></u>	<u><i>30,000</i></u>
Appropriated Fund Balance	<u>533,135</u>	<u>443,216</u>	<u>27,824</u>	<u>119,078</u>	<u>119,078</u>	<u>119,078</u>	<u>144,578</u>
<b>Total Requirements</b>	<b><u>923,116</u></b>	<b><u>631,303</u></b>	<b><u>344,549</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>

**WHERE THE ROGUE RIVER RUNS**



© City of Grants Pass