
Program: Utilities/Water – Capital Construction

Services Delivered:

This activity includes planning, engineering, and all construction of major water system improvements. The water system includes the treatment plant, eight reservoirs, thirteen pump stations, and 180 miles of water mains. Major repairs and improvements to the water system are financed through this capital budget. The minor repairs to the system are financed through the operating activities.

This budget sets aside funds to provide major rehabilitation of the water treatment plant, pump stations, water storage reservoirs, and the distribution system.

FY'15 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:

Maintain, Operate, and Expand our Infrastructure

Objective 1: Plan for utility infrastructure

Action 1: Develop 20-year infrastructure master plans and combined utilities plan.

- This will be initiated following adoption of the UGB expansion.

Action 5: Water Treatment - Acquire portable water treatment equipment to provide drinking water if WTP is damaged and unable to produce water.

Action 6: Water Distribution and Wastewater Collection - Evaluate relocation or abandonment of old water mains that could cause considerable damage to private property if they failed.

Action 8: Water Distribution and Wastewater Collection - Continue pursuit of property acquisition for future reservoir and pump station sites.

Objective 2: Ensure water infrastructure needs are met

Action 1: Replace Reservoir No. 3.

Action 2: Acquire a portable generator for remote pump stations that do not have a stationary generator onsite.

Action 3: Complete projects as part of small main replacement.

Action 4: Complete design of Water Treatment Plant backup power *.

Action 5: Initiate the process to replace the Water Treatment Plant.

Budget Highlights:

The Active Capital Project list includes projects coming to a close in FY' 14, but which are not finalized at this time.

The project listing shows resources across the columns. Columns show the “Actual resources through FY' 13”; the re-assessed resource needs of projects using current data for the “Revised FY' 14” column, guiding our “Adopted FY' 15” and resources estimated “Through FY' 15”. We have “Future Years” and “Total Project” columns for 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.

Program: Utilities/Water – Capital Construction

FY'14 Activity Review:

- Completed work on the Water Treatment Plant Facility Plan.
- Completed an update to the Water Management and Conservation Plan and submitted same to Oregon Water Resources Department for approval.
- Continued construction of replacement Reservoir No. 3.
- Continued work on the Small Main Replacement program.
- Continued work to install a backup power generator for the Water Treatment Plant.
- Continued negotiations with ODFW and OWRD on time extensions for the development of the City's municipal water rights.
- Began construction of Starlite PRV vault (Starlite pump station upgrade).

Program: Utilities/Water – Capital Construction

ACTIVE CAPITAL PROJECT RESOURCES

	Actual Through FY'13	Revised FY'14	A d o p t e d FY'15	Total Through FY'15	Future Years	Total Project
WA0000 Miscellaneous Water Projects - SDC's (752)	102,717	(146,000)	79,000	508,929	(1,138,000)	(629,071)
WA0000 Miscellaneous Water Projects - AFD's (755)	(28,565)	(5,011)	0	2,946	0	2,946
WA0000 Miscellaneous Water Projects – Gen. (758)	105,961	264,011	(290,823)	264,327	(5,714,822)	(5,450,495)
WA0000 Miscellaneous Water Projects - LID's (759)	(971)	0	0	12,581	0	12,581
WA4526 Starlite Pump Station Upgrade	0	0	0	245,000	0	245,000
WA4742 Reservoir and Pump Station Site Purchases	0	75,000	100,000	285,000	65,000	350,000
WA4966 Water Management & Conserv. Plan Updt	20,000	0	10,000	80,000	0	80,000
WA4971 Meadow Wood Reservoir No. 16	0	0	0	0	1,575,000	1,575,000
WA5028 Water Main on Private Property	0	25,000	0	75,000	0	75,000
WA5094 Water Distribution System Master Plan Update	20,000	0	60,000	200,000	0	200,000
WA5096 WTP Structural Repairs	50,000	75,000	75,000	500,000	345,000	845,000
WA6000 MSA Task Order #1	20,000	10,000	20,000	110,000	80,000	190,000
WA6001 Water Main Looping	0	(50,000)	0	5,000	720,000	725,000
WA6052 Reservoir No. 3 Upgrades	5,283,565	325,000	150,000	6,381,565	0	6,381,565
WA6058 Water System Security Projects	10,000	10,000	10,000	70,000	70,000	140,000
WA6059 Pump Station Repairs	40,000	10,000	10,000	85,000	85,000	170,000
WA6122 WTP Emergency Generator	(50,000)	75,000	0	275,000	0	275,000
WA6206 Reservoir No 4 Hatch Repairs	0	50,000	0	50,000	0	50,000
WA6207 WTP Upgrade	0	660,000	1,525,000	2,185,000	53,950,000	56,135,000
NEW PROJECTS						
WAXX01 Purchase of Emergency Water Pump Stations	0	0	200,000	200,000	0	200,000
WAXX02 Water Main Relocations	0	0	300,000	300,000	200,000	500,000
WAXX03 Water Rate & SDC Study	0	0	70,000	70,000	0	70,000
WAXX04 Purchase Portable Generator for Pump Station	0	0	75,000	75,000	0	75,000
WAXX05 Arc Flash Study WA and SE	0	0	100,000	100,000	0	100,000
WAXX06 Small Main Replacement FY15	0	0	100,000	100,000	255,000	355,000
WAXX07 Water Emergency Ops Plan Update	0	0	50,000	50,000	0	50,000
Total Projects	<u>5,572,707</u>	<u>1,378,000</u>	<u>2,643,177</u>	<u>12,230,348</u>	<u>50,492,178</u>	<u>62,722,526</u>
<u>CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES</u>						
WA4841 Small Main Replacement	50,000	50,000	0	366,324	0	366,324
WA6002 WTP Facility Plan Update	100,000	25,000	0	325,000	0	325,000
WA6168 WTP Exterior Repairs & Painting	55,000	(28,000)	0	27,000	0	27,000
WA6204 Fall Protection at Reservoirs & Pump Stns	0	25,000	0	25,000	0	25,000
Total Closed Projects	<u>205,000</u>	<u>72,000</u>	<u>0</u>	<u>743,324</u>	<u>0</u>	<u>743,324</u>
Grand Total - All Projects	<u>5,777,707</u>	<u>1,450,000</u>	<u>2,643,177</u>	<u>12,973,672</u>	<u>50,492,178</u>	<u>63,465,850</u>

Program: Utilities/Water – Capital Construction

ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'14

		Adopted FY'15 Beginning Fund Balance	Adopted FY'15 Revenue	Adopted FY'15 Capital Outlay	Adopted FY'15 Transfers	Adopted FY'15 Appropriated Fund Balance
WA0000	Miscellaneous Water Projects - SDC's (752)	24,930	79,000	0	0	103,930
WA0000	Miscellaneous Water Projects - AFD's (755)	2,946	0	0	0	2,946
WA0000	Miscellaneous Water Projects - General (758)	450,120	(290,823)	0	0	159,297
WA0000	Miscellaneous Water Projects - LID's (759)	0	0	0	0	0
WA4526	Starlite Pump Station Upgrade	0	0	0	0	0
WA4742	Reservoir and Pump Station Site Purchases	107,873	100,000	207,873	0	0
WA4966	Water Management & Conserv. Plan Updt	0	10,000	10,000	0	0
WA4971	Meadow Wood Reservoir No. 16	0	0	0	0	0
WA5028	Water Main on Private Property	0	0	0	0	0
WA5094	Water Distribution System Master Plan Update	113,613	60,000	173,613	0	0
WA5096	WTP Structural Repairs	37,539	75,000	112,539	0	0
WA6000	MSA Task Order #1	8,370	20,000	28,370	0	0
WA6001	Water Main Looping	5,000	0	5,000	0	0
WA6052	Reservoir No. 3 Upgrades	2,133	150,000	152,133	0	0
WA6058	Water System Security Projects	1,867	10,000	11,867	0	0
WA6059	Pump Station Repairs	15,000	10,000	25,000	0	0
WA6122	WTP Emergency Generator	0	0	0	0	0
WA6206	Reservoir No 4 Hatch Repairs	0	0	0	0	0
WA6207	WTP Upgrade	460,000	1,525,000	1,985,000	0	0
NEW PROJECTS						
WAXX01	Purchase of Emergency Water Pump Stns	0	200,000	200,000	0	0
WAXX02	Water Main Relocations	0	300,000	300,000	0	0
WAXX03	Water Rate & SDC Study	0	70,000	70,000	0	0
WAXX04	Purchase Portable Generator for Pump Stn	0	75,000	75,000	0	0
WAXX05	Arc Flash Study WA and SE	0	100,000	100,000	0	0
WAXX06	Small Main Replacement FY15	0	100,000	100,000	0	0
WAXX07	Water Emergency Ops Plan Update	0	50,000	50,000	0	0
	Total Projects	<u>1,229,391</u>	<u>2,643,177</u>	<u>3,606,395</u>	<u>0</u>	<u>266,173</u>

Program: Utilities/Water – Capital Construction

Financial Summary

	ACTUAL FY' 12 \$	ACTUAL FY' 13 \$	BUDGET FY' 14 \$	REVISED FY' 14 \$	MANAGER A D O P T E D FY' 15 \$	PROJECTED FY' 16 \$
Beginning Fund Balance	<u>2,287,706</u>	<u>2,100,127</u>	<u>2,933,058</u>	<u>2,933,058</u>	<u>1,229,391</u>	<u>266,173</u>
Development Charges	98,420	246,079	150,000	150,000	150,000	150,000
Investment Interest	14,909	18,641	14,000	14,000	14,000	0
Advance Finance Interest	0	1	0	0	0	0
SDC Loans	7,699	6,559	0	0	0	0
General Fund	0	150,000	100,000	100,000	150,000	155,000
Sewer/Transport. Projects	0	0	0	0	135,000	0
Water Fund	502,801	394,327	1,168,000	1,168,000	2,174,177	1,312,178
Advance Financing	266	18,985	18,000	18,000	20,000	20,000
Miscellaneous Revenue	<u>6,333</u>	<u>5,035,678</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<i>Total Current Revenues</i>	<u><i>630,428</i></u>	<u><i>5,870,270</i></u>	<u><i>1,450,000</i></u>	<u><i>1,450,000</i></u>	<u><i>2,643,177</i></u>	<u><i>1,637,178</i></u>
Total Resources	<u>2,918,134</u>	<u>7,970,397</u>	<u>4,383,058</u>	<u>4,383,058</u>	<u>3,872,568</u>	<u>1,903,351</u>
Requirements						
Capital Outlay	619,845	3,261,136	4,107,715	4,107,715	3,606,395	1,535,000
Transfers Out	<u>200,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<i>Subtotal Expenditures</i>	<u><i>819,845</i></u>	<u><i>3,261,136</i></u>	<u><i>4,107,715</i></u>	<u><i>4,107,715</i></u>	<u><i>3,606,395</i></u>	<u><i>1,535,000</i></u>
Appropriated Fund Balance	<u>2,098,289</u>	<u>4,709,261</u>	<u>275,343</u>	<u>275,343</u>	<u>266,173</u>	<u>368,351</u>
Total Requirements	<u>2,918,134</u>	<u>7,970,397</u>	<u>4,383,058</u>	<u>4,383,058</u>	<u>3,872,568</u>	<u>1,903,351</u>

Program: Utilities/Water – Capital Construction

Project	WA0000	Fund 752	Water System Development Charges
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Project Description

This project accounts for money collected during development in order to fund Water projects.

Need for Project

Since the establishment of the Water 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: These monies were allocated to specific projects during the Budget process.

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water SDC's	4,615,536	150,000	150,000	150,000	4,915,536	150,000	450,000	5,515,536
Transfers To Projects	(4,169,500)	(400,000)	(300,000)	(75,000)	(4,544,500)	(100,000)	(1,650,000)	(6,294,500)
Investment Interest	129,893	4,000	4,000	4,000	137,893		12,000	149,893
Total Resources					508,929			(629,071)

Requirements

Expenditures					0			0
Transfers/Contingency	405,000				405,000			405,000
Ending Balance by Year	170,929	26,212	24,929	103,929	103,929	153,929	(1,034,071)	(1,034,071)
Total Requirements					508,929			(629,071)

Program: Utilities/Water – Capital Construction

Project	WA0000	Fund 755 Water Advanced Financing
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Project Description

This project is used by our accounting function to account for all funds reimbursed to the water utility from Advance Financed District (AFD) projects for which the utility was the project developer and revenue source.

Need for Project

The City Council has implemented a series of rate system structures to prepare for these projects, and this account is the method for accumulating all resources available to the system.



Estimated Total Project Cost: This project has no cost. It is an accounting entity for the purpose of accumulating resources.

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects AFD's	855,577	18,000	18,000	20,000	893,577	20,000	30,000	943,577
AFD's to projects	(877,451)	(23,011)	(23,011)	(20,000)	(920,462)	(20,000)	(30,000)	(970,462)
Investment Interest	29,831				29,831			29,831
Total Resources					2,946			2,946

Requirements

Expenditures					0			0
Transfers/Contingency					0			0
Ending Balance by Year	7,957	0	2,946	2,946	2,946	2,946	2,946	2,946
Total Requirements					2,946			2,946

Program: Utilities/Water – Capital Construction

Project	WA0000	Fund 758 Miscellaneous Water 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 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: This project has no cost. It is an accounting entity for the purpose of accumulating resources.

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	6,552,618	1,168,000	1,168,000	2,174,177	9,894,795	1,312,178	333,000	11,539,973
Water Funds to Projects	(9,032,449)	(1,120,000)	(937,000)	(2,495,000)	(12,464,449)	(1,280,000)	(6,160,000)	(19,904,449)
Advance Finance District	877,451	23,011	23,011	20,000	920,462	20,000	30,000	970,462
Investment Interest	1,205,601	10,000	10,000	10,000	1,225,601		30,000	1,255,601
Return:Lands & Bldgs & Transportation	440,800				440,800			440,800
Other	247,118				247,118			247,118
Total Resources					264,327			(5,450,495)

Requirements

Expenditures	105,028				105,028			105,028
Transfers					0			0
Ending Balance by Year	186,111	249,125	450,122	159,299	159,299	211,477	(5,555,523)	(5,555,523)
Total Requirements					264,327			(5,450,495)

Program: Utilities/Water – Capital Construction

Project	WA4526	Starlite Pump Station Upgrade
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Project Description

Originally this project was to upgrade pumps and install a backup emergency power generator in the Starlite Pump Station. After a pre-design assessment, a new approach was identified – the installation of a pressure reducing station to allow flow between Starlite and Laurelridge pump stations in cases of emergency.



Need for Project

This project will reliably provide fire flows between Starlite Pump Station and Laurelridge pump station service areas.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs: Final design and construction of improvements.

Original estimate of \$210,000 redefined after completion of pre-design.

Estimated Total Project Cost: \$245,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	245,000				245,000			245,000
					0			0
					0			0
Total Resources					245,000			245,000

Requirements

Expenditures	139,981	43,940	105,019		245,000			245,000
Transfers/ Contingency					0			0
Ending Balance by Year	105,019	0						
Total Requirements					245,000			245,000

Program: Utilities/Water – Capital Construction

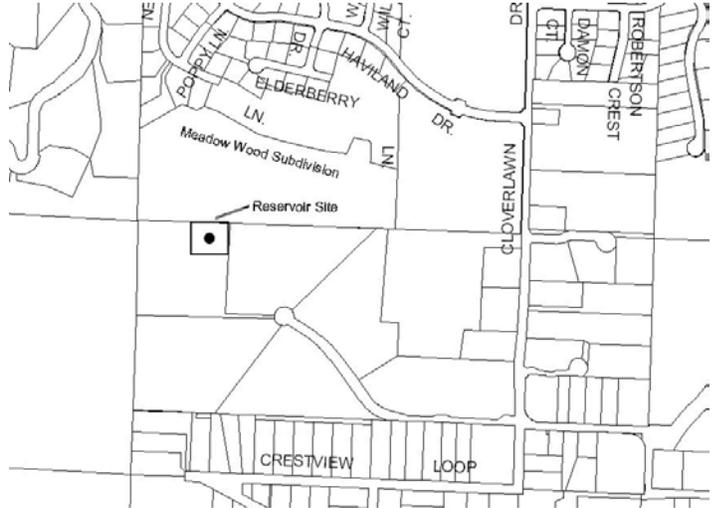
Project	WA4742	Reservoir and Pump Station Site Purchases
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Project Description

This project would fund the purchase of land for future reservoir or pump station sites (i.e. reservoir Nos. 13 & 16, RCC pump station).

Need for Project

Land acquisition is required for the location of future, as well as replacement, reservoirs and pump stations. The sites must be located at the proper elevation and within a reasonable distance of the water system. There are very few undeveloped properties available that can meet the necessary criteria. Purchase in the near future will be necessary to avoid the need to condemn an already developed parcel at a greatly increased price.



Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs: Engineering assessments, appraisals and acquisitions.

Original Estimated Total Project Cost: \$150,000

Revised Estimated Total Project Cost: \$350,000 - Revised as other site acquisitions have been added

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	97,000			25,000	122,000	65,000		187,000
Water SDC	13,000	150,000	75,000	75,000	163,000			163,000
Total Resources					285,000			350,000

Requirements

Expenditures	17,127	152,996	60,000	207,873	285,000	65,000		350,000
Transfers/ Contingency					0			0
Ending Balance by Year	92,873	0	107,873	0	0	0	0	0
Total Requirements					285,000			350,000

Program: Utilities/Water – Capital Construction

Project	WA4966	Water Management and Conservation Plan Update
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Project Description

This project will update the City’s Water Management and Conservation Plan (WMCP). The WMCP was adopted in February 2003 with the provision it would be updated and resubmitted to the Oregon Water Resources Department within 5 years of approval.



Need for Project

The WMCP is used to identify and analyze water supply and demand issues facing the City. The Plan was submitted as Water Resources rules were being changed. The plan must now be updated to reflect current policy and resubmitted for approval. Completing the WMCP is a condition of our water rights permits. Satisfying the permit conditions is a prerequisite to the currently on-going water rights extension process.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 1: Plan for utility infrastructure.

Future and Ongoing Costs: Water rights extension process.

Original estimate of \$80,000 redefined to \$50,000. After the water rights extension process was added back in, new estimated total was derived.

Estimated Total Project Cost: \$80,000 revised from \$70,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	70,000			10,000	80,000			80,000
					0			0
					0			0
Total Resources					80,000			80,000

Requirements

Expenditures	42,781		27,219	10,000	80,000			80,000
Transfers/ Contingency					0			0
Ending Balance by Year	27,219	0						
Total Requirements					80,000			80,000

Program: Utilities/Water – Capital Construction

Project	WA4971	Meadow Wood Reservoir No. 16
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Project Description

This project will build a new 600,000 gallon water reservoir as identified in the Water Distribution Master Plan.

Need for Project

The Water Distribution Master Plan calls for a new reservoir to serve Zone 2 customers in the southeast portion of the City. This project will accumulate the funds needed for the construction.



Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Property acquisition will occur through project WA4742. Design and construct.

Original Estimated Total Project Cost: \$1,050,000

2013 Estimated Total Project Cost: \$1,575,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects					0		925,000	925,000
Water SDCs (42%)					0		650,000	650,000
					0			0
Total Resources					0			1,575,000

Requirements

Expenditures					0		1,575,000	1,575,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0						
Total Requirements					0			1,575,000

Program: Utilities/Water – Capital Construction

Project	WA 5028	Water Main in Private Property
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Project Description

This project will replace the water main through private property with a line in the public right of way.

Need for Project

The public water main south of “F” Street between Beacon and the Parkway is located under existing buildings. This makes it very difficult to manage the line and protect the private property. This project will move that line into the road right of way.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.



Future and Ongoing Costs

Routine and periodic maintenance.

Estimated Total Project Cost: \$ 75,000 revised from \$50,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	50,000		25,000		75,000			75,000
					0			0
					0			0
Total Resources					75,000			75,000

Requirements

Expenditures	7,682		67,318		75,000			75,000
Transfers/ Contingency					0			0
Ending Balance by Year	42,318	0						
Total Requirements					75,000			75,000

Program: Utilities/Water – Capital Construction

Project	WA5094	Water Distribution System Master Plan Update
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Project Description

This project will update the Water Distribution System Master Plan completed in 2001.

Need for Project

The Council is in the process of expanding the urban growth boundary. Part of that process requires a review of the infrastructure needed to serve the new area. The Master Plan Update will identify infrastructure requirements and sizing to serve the enlarged Urban Growth Boundary. A condition assessment of all pump stations and reservoirs will also be conducted as part of the master plan update.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 1: Plan for utility infrastructure.

Future and Ongoing Costs

Development of plan after UGB determined.

Estimated Total Project Cost: \$200,000 revised from \$140,000 and original \$120,000 due to UGB delay

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	140,000			60,000	200,000			200,000
					0			0
					0			0
Total Resources					200,000			200,000

Requirements

Expenditures	16,387	83,613	10,000	173,613	200,000			200,000
Transfers/ Contingency					0			0
Ending Balance by Year	123,613	0	113,613	0	0	0	0	0
Total Requirements					200,000			200,000

Program: Utilities/Water – Capital Construction

Project	WA5096	WTP Structural Repairs
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Project Description

This project will fund many minor repairs necessary for the proper operation and long term maintenance of the Water Treatment Plant. Included items are: intake screen, stairways and landings for basin access, lab expansion, plant air compressors relocation, covered pipe storage, chemical storage upgrades and sedimentation basin entrance and egress ladders.



Need for Project

The project is needed for efficiency and for safety. It will create a fund for a large number of small capital projects to ensure the longevity of the Water Treatment Plant and its supporting structures. In addition, many of the projects listed will bring current facilities into compliance with current OR-OSHA regulations and improve staff safety.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Evaluation and repair of deficiencies.

Estimated Total Project Cost: \$ 90,000/year as available

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	350,000	75,000	75,000	75,000	500,000	75,000	270,000	845,000
					0			0
					0			0
Total Resources					500,000			845,000

Requirements

Expenditures	297,461	90,415	90,000	112,539	500,000	75,000	270,000	845,000
Transfers/ Contingency					0			0
Ending Balance by Year	52,539	0	37,539	0	0	0	0	0
Total Requirements					500,000			845,000

Program: Utilities/Water – Capital Construction

Project	WA6000	MSA Task Order #1 (General Engineering)
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Project Description

In May 2008 the City of Grants Pass and Murray, Smith & Associates (MSA) entered into a new, 3 year Water Master Services Agreement for Professional Engineering and Permitting Services. In May 2013, a new 3 year Master Services Agreement with MSA was entered into. With this Agreement, a number of individual task orders will be assigned, negotiated and executed to undertake a variety of assignments on the City's water facilities.

Need for Project

Given the nature of these individual assignments, it is desired for MSA to provide general engineering support and guidance for the overall water program to develop the specific individual tasks.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Development of new unidentified tasks.

Estimated Total Project Cost: \$20,000/year

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	80,000	10,000	10,000	20,000	110,000	20,000	60,000	190,000
					0			0
					0			0
Total Resources					110,000			190,000

Requirements

Expenditures	61,630	18,712	20,000	28,370	110,000	20,000	60,000	190,000
Transfers/ Contingency					0			0
Ending Balance by Year	18,370	0	8,370	0	0	0	0	0
Total Requirements					110,000			190,000

Program: Utilities/Water – Capital Construction

Project	WA6001	Water Main Looping
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Project Description

This project accumulates funds for the installation of short segments of public water mains (less than 400 feet in length) at various locations to complete water system loops.

Need for Project

Looping of distribution system lines increase fire flow, establish system redundancy and improve water quality. Several areas exist within the distribution system where the installation of short runs of piping will complete system loops. The installation of these lines is unlikely to occur due to development alone.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Routine periodic maintenance.

Estimated Total Project Cost: \$725,000 at \$20,000/year as available

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	55,000		(50,000)		5,000	50,000	670,000	725,000
General Fund					0			0
					0			0
Total Resources					5,000			725,000

Requirements

Expenditures		30,000	0	5,000	5,000	50,000	670,000	725,000
Transfers/ Contingency					0			0
Ending Balance by Year	55,000	0	5,000	0	0	0	0	0
Total Requirements					5,000			725,000

Program: Utilities/Water – Capital Construction

Project	WA6052	Reservoir No. 3 Upgrades
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Project Description

This project will evaluate and address structural deficiencies identified during access hatch replacement.

Need for Project

Reservoir roof concrete was found badly deteriorated (exposed rebar) during hatch replacement. A thorough structural inspection with recommendations for repair or replacement will be performed.



Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

After structural assessment, it was determined reservoir #3 would require in-place replacement. Next steps will be design and construction of new 5 MG reservoir.

Original Estimated Total Project Cost: \$1,500,000 - revised to reflect replacement of reservoir

Revised Estimated Total Project Cost: \$6,500,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	223,000		125,000	150,000	498,000			498,000
Water Bond	4,933,565				4,933,565			4,933,565
Water SDCs	600,000	100,000	100,000		700,000			700,000
General Fund – Policy & Legislation	150,000	100,000	100,000		250,000			250,000
Total Resources					6,381,565			6,381,565

Requirements

Expenditures	2,529,432	2,408,342	3,700,000	152,133	6,381,565			6,381,565
Transfers					0			0
Ending Balance by Year	3,377,133	0	2,133	0	0	0	0	0
Total Requirements					6,381,565			6,381,565

Program: Utilities/Water – Capital Construction

Project	WA6058	Water System Security Projects
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Project Description

This project will install and/or upgrade system security at all water system facilities as needed/required. The first location for security improvements will be at the Treatment Plant.

Need for Project

Currently system security is in need of upgrade and standardization. This will be an ongoing project to upgrade security across the water system.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Evaluation and upgrade of unidentified deficiencies.

Estimated Total Project Cost: \$20,000/year as available

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	50,000	10,000	10,000	10,000	70,000	10,000	60,000	140,000
					0			0
					0			0
Total Resources					70,000			140,000

Requirements

Expenditures	48,133	10,000	10,000	11,867	70,000	10,000	60,000	140,000
Transfers/ Contingency					0			0
Ending Balance by Year	1,867	0	1,867	0	0	0	0	0
Total Requirements					70,000			140,000

Program: Utilities/Water – Capital Construction

Project	WA6059	Pump Station Repairs
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Project Description

This project will allow for miscellaneous repairs and or upgrades to the various pump stations located throughout the water system. Examples of such are pumps, motors, equipment replacement/refurbishment, control system upgrades, painting, etc.

Need for Project

This project will account for repair or upgrade to pump station facilities as problems are identified. Additionally, pumps/motors will be changed out over a period of time to allow standardization of spare parts.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Evaluation and repair of unidentified deficiencies.

Estimated Total Project Cost: \$25,000/year as available

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	65,000	10,000	10,000	10,000	85,000	10,000	75,000	170,000
					0			0
					0			0
Total Resources					85,000			170,000

Requirements

Expenditures	0	35,000	60,000	25,000	85,000	10,000	75,000	170,000
Transfers/ Contingency					0			0
Ending Balance by Year	65,000	0	15,000	0	0	0	0	0
Total Requirements					85,000			170,000

Program: Utilities/Water – Capital Construction

Project	WA6122	WTP Emergency Power Generator
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Project Description

This project will purchase an emergency power generator and transfer switch gear for the WTP. The generator will be trailer mounted so it can be remotely stored.

Need for Project

Currently the WTP has no emergency power generator. The new emergency generator will be capable of providing 5± MGD of potable water during an extended power outage.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Design, purchase and installation. Grant funding will be investigated and pursued if available.

Estimated Total Project Cost: \$275,000 revised from \$250,000 for modification of used generator

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	200,000	50,000	75,000		275,000			275,000
					0			0
					0			0
Total Resources					275,000			275,000

Requirements

Expenditures	12,643	99,324	262,357		275,000			275,000
Transfers/ Contingency					0			0
Ending Balance by Year	187,357	0	0	0	0	0	0	0
Total Requirements					275,000			275,000

Program: Utilities/Water – Capital Construction

Project	WA6206	Reservoir No. 4 Hatch Repairs
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Project Description

This project will replace Reservoir No. 4 roof access hatch. Minor modification to the reservoir venting and control will also occur.

Need for Project

Reservoir No. 4 was constructed about 1953. The roof access hatch no longer meets current security standards to prevent unauthorized access, and is not compliant with Oregon Health Authority.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Routine inspection and maintenance.

Estimated Total Project Cost: \$50,000 revised from original estimate of \$75,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects		75,000	50,000		50,000			50,000
Water SDC					0			0
					0			0
Total Resources					50,000			50,000

Requirements

Expenditures		75,000	50,000		50,000			50,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					50,000			50,000

Program: Utilities/Water – Capital Construction

Project	WA6207	WTP Upgrade
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Project Description

This project will begin accumulating resources for a new WTP. The first steps to be accomplished will be a siting study and property acquisition (if necessary), pilot testing of processes/technologies and a public outreach program.

Need for Project

A Facility Plan update was completed in 2014. This facility planning effort evaluated options for the future of the WTP. These options ranged from temporary repairs, to rebuilding on-site, to relocation of the plant. The final recommended option was to build a new plant at a new location

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Once a siting study is complete and property purchased, final design of the new WTP will begin. It will take a minimum of 5 years to have the new WTP operational. The current estimated project cost is based upon the 2014 Facility Plan Update CIP.

Estimated Total Project Cost: \$56,200,000 revised from \$24,500,000 after Facility Plan Update

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects		535,000	535,000	1,525,000	2,060,000	850,000	4,000,000	6,910,000
Water SDC		150,000	125,000		125,000	100,000	1,000,000	1,225,000
Bond					0		48,000,000	48,000,000
Total Resources					2,185,000			56,135,000

Requirements

Expenditures	0	685,000	200,000	1,985,000	2,185,000	950,000	53,000,000	56,135,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0	460,000	0	0	0	0	0
Total Requirements					2,185,000			56,135,000

Program: Utilities/Water – Capital Construction

Project	WA6248	Purchase of Emergency Water Producing Equipment
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Project Description

This project will purchase equipment designed for production of potable water in the event of a catastrophic failure to the Water Treatment Plant. The purchased equipment will be portable and capable of providing a minimal supply of potable water.

Need for Project

This is intended to be an interim measure until such time as a new Water Treatment Plant is constructed and operational. The existing Plant is at risk of partial or catastrophic failure.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Storage and maintenance of equipment and supplies.

Estimated Total Project Cost: \$200,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				200,000	200,000			200,000
General Fund					0			0
					0			0
Total Resources					200,000			200,000

Requirements

Expenditures				200,000	200,000			200,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					200,000			200,000

Program: Utilities/Water – Capital Construction

Project	WA6249	Water Main Relocations
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Project Description

This project will evaluate the potential for relocation and abandonment of old water mains located under buildings or in difficult access areas. One old sewer main to be replaced to facilitate new water main.

Need for Project

Old water mains located beneath buildings or in difficult to access/maintain areas can cause considerable damage to private property if they fail.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

After evaluation, this project will accumulate resources for remediation.

Estimated Total Project Cost: \$500,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				100,000	100,000	100,000		200,000
General Program Ops-Policy & Legislation				100,000	100,000	100,000		200,000
Wastewater Ops				100,000	100,000			100,000
Total Resources					300,000			500,000

Requirements

Expenditures				300,000	300,000	200,000		500,000
Transfers/Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					300,000			500,000

Program: Utilities/Water – Capital Construction

Project	WA6250	Water Rate & SDC Study
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Project Description

This project will evaluate and recommend appropriate service area water system rates and System Development Charges (SDC) after the water system master plans are all updated.

Need for Project

Once the urban growth boundary is adjusted, water system master plans will need to be updated. As part of the plan updates, new Capital Improvement Plans (CIPs) will be developed. With new CIPs, water rate and SDC methodology will need to be updated to ensure adequacy. Accurate methodology helps to ensure new system users pay an appropriate share of costs.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Estimated Total Project Cost: \$70,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				70,000	70,000			70,000
Water SDC					0			0
					0			0
Total Resources					70,000			70,000

Requirements

Expenditures				70,000	70,000			70,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					70,000			70,000

Program: Utilities/Water – Capital Construction

Project	WA6251	Purchase Portable Generator for Pump Stations
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Project Description

Purchase a portable generator for use at remote pump station sites which do not have emergency power generators.

Need for Project

Existing portable generator has failed and requires replacement.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Routine and periodic maintenance.

Estimated Total Project Cost: \$75,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				75,000	75,000			75,000
					0			0
					0			0
Total Resources					75,000			75,000

Requirements

Expenditures				75,000	75,000			75,000
Transfers/ Contingency					0			0
Ending Balance by Year	0							
Total Requirements					75,000			75,000

Program: Utilities/Water – Capital Construction

Project	WA6252	Arc Flash Study WA and SE
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Project Description

This project will implement an arc flash hazard program to supplement/enhance our existing electrical safety program and provide additional safety measures for our employees. The project will complete an arc flash study at the water and wastewater plants, as well as at the remote facilities. The intent is to label all electrical equipment with OR-OSHA compliant labels in regards to arc flash.

Need for Project

To provide compliance with OR-OSHA mandates.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Future and Ongoing Costs

Normal and routine maintenance

Estimated Total Project Cost: \$100,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				65,000	65,000			65,000
Wastewater Ops				35,000	35,000			35,000
					0			0
Total Resources					100,000			100,000

Requirements

Expenditures				100,000	100,000			100,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					100,000			100,000

Program: Utilities/Water – Capital Construction

Project	WA6253	Small Main Replacement FY15
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Project Description

This is an ongoing program to replace old, undersized cast iron water mains. Identified water mains to be replaced are listed below:

SW J Street between Judson and Alder
 SW I Street between Leonard and Western
 NW Lynwood Place
 NW Prospect Avenue between Manzanita and Bellevue
 NW Bellevue Place between Kenny and Prospect

Need for Project

The mains to be replaced do not meet adopted water service standards. Fire flow capacity is not provided and there is a relatively high rate of leak repairs. The pipes are typically clogged with rust or hardness deposits producing low delivery pressures during use.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
 Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Periodic and routine maintenance

Estimated Total Project Cost: \$355,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				50,000	50,000	100,000	100,000	250,000
General Fund				50,000	50,000	55,000		105,000
					0			0
Total Resources					100,000			355,000

Requirements

Expenditures				100,000	100,000	155,000	100,000	355,000
Transfers/ Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					100,000			355,000

Program: Utilities/Water – Capital Construction

Project	WA6254	Water Emergency Operations Plan Update
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Project Description

This project will update the Emergency Operations Plan to reflect operations at the Water Treatment Plant in the event of a catastrophic failure of the existing plant.

Need for Project

This is intended to be an interim measure until such time as a new Water Treatment Plant is constructed and operational. The existing Plant is at risk of partial or catastrophic failure.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Periodic updates to reflect system changes.

Estimated Total Project Cost: \$50,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects				50,000	50,000			50,000
General Fund					0			0
					0			0
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	0
Total Requirements					50,000			50,000

Project Closed – FY 2013

Program: Utilities/Water – Capital Construction

Project	WA4841	Small Main Replacement
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Project Description

This is an ongoing program to replace old, undersized cast iron water mains. As funds are available, this project will continue on a yearly basis.

Need for Project

The mains to be replaced do not meet adopted water service standards. Fire flow capacity is not provided and there is a relatively high rate of leak repairs. The pipes are typically clogged with rust or hardness deposits producing low delivery pressures during use. As a specific location and cost is identified, a capital project will be created to track the specific project costs. As of January 2013, about 25,000 linear feet of undersized water main is still in service.



Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
 Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Project identification, ranking, design and construction.

Estimated Total Project Cost: Original estimate of \$1,200,000 revised to \$3,500,000 to reflect difficulty of some installations. Funded at \$50,000/year as available.

PROJECT COMPLETE –see WAXX06 Small Main Replacement FY’15

Resources

	Actual Through FY’13	FY’14 Adopted	FY’14 Revised	FY’15 Adopted	Through FY’15	FY’16 Projected	Future	Total Project
Water Capital Projects	310,000	50,000	50,000		360,000			360,000
Other	6,324				6,324			6,324
General Fund					0			0
Total Resources					366,324			366,324

Requirements

Expenditures	207,421	63,037	158,903		366,324			366,324
Transfers/Contingency					0			0
Ending Balance by Year	108,903	0	0	0	0	0	0	0
Total Requirements					366,324			366,324

Project Closed – FY 2013

Program: Utilities/Water – Capital Construction

Project	WA6002	WTP Facility Plan Update
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Project Description

This project will update the Water Treatment Plant Facility Plan completed in 2004.

Need for Project

The Council is in the process of expanding the urban growth boundary. Part of that process requires a review of the infrastructure needed to serve the new area. The Master Plan Update will identify infrastructure requirements and sizing to serve the enlarged Urban Growth Boundary. The new plan update will also include a facility structural analysis component due to the age of the original infrastructure and an evaluation for the relocation of the plant.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs

Objective 1: Plan for utility infrastructure.

Future and Ongoing Costs

Development of the plan.

PROJECT COMPLETE

Original Estimated Total Project Cost: \$100,000

Revised Estimate: \$325,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	300,000		25,000		325,000			325,000
					0			0
					0			0
Total Resources					325,000			325,000

Requirements

Expenditures	256,047	7,336	68,953		325,000			325,000
Transfers/ Contingency					0			0
Ending Balance by Year	43,953	0	0	0	0	0	0	0
Total Requirements					325,000			325,000

Project Closed – FY 2013

Program: Utilities/Water – Capital Construction

Project	WA6168 WTP Exterior Repairs and Painting
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Project Description

This project is to repair and paint the exterior of the Water Treatment Plant.

Need for Project

The exterior stucco and concrete of the Water Treatment Plant is cracking and beginning to fail. This project will restore the failing stucco, seal minor cracks in the concrete and coat the building in a new coat of paint. Minor repairs to the tile roof will also be made under this project.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
 Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Routine and periodic maintenance.

PROJECT COMPLETE

Estimated Total Project Cost: \$160,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects	55,000	105,000	(28,000)		27,000			27,000
Water SDCs					0			0
					0			0
Total Resources					27,000			27,000

Requirements

Expenditures	11,905	105,000	15,095		27,000			27,000
Transfers/ Contingency					0			0
Ending Balance by Year	43,095	0						
Total Requirements					27,000			27,000

Project Closed – FY 2013

Program: Utilities/Water – Capital Construction

Project	WA6204	Fall Protection at Reservoirs and Pump Stations
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Project Description

This project will upgrade and standardize fall protection at all reservoir and pump station sites where required.

Need for Project

Currently fall protection is in need of repair and standardization for personnel protection. The existing system is hard to use and becoming obsolete.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
 Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Routine maintenance and upgrade.

PROJECT COMPLETE

Estimated Total Project Cost: \$50,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects		50,000	25,000		25,000			25,000
Water SDC					0			0
					0			0
Total Resources					25,000			25,000

Requirements

Expenditures	0	50,000	25,000		25,000			25,000
Transfers/ Contingency					0			0
Ending Balance by Year	0							
Total Requirements					25,000			25,000

Project Closed – FY 2013

Program: Utilities/Water – Capital Construction

Project	WA6205	New Hope Pump Station Fire Pump
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Project Description

This project will add an additional fire pump to the New Hope Pump Station.

Need for Project

During a recent development review, it was noted the New Hope Pump Station does not have adequate fire flow per our current water standards. Until future Reservoir No. 17 is built, New Hope Pump Station will remain fire flow deficient.

Council Strategic Goal

Maintain, Operate and Expand Our Infrastructure to Meet Community Needs
 Objective 2: Design and construct needed water facilities.

Future and Ongoing Costs

Routine maintenance.

PROJECT TO CLOSE– will be re-scoped after UGB adjustment

Estimated Total Project Cost: \$150,000

Resources

	Actual Through FY'13	FY'14 Adopted	FY'14 Revised	FY'15 Adopted	Through FY'15	FY'16 Projected	Future	Total Project
Water Capital Projects		150,000	0		0			0
Water SDC					0			0
					0			0
Total Resources					0			0

Requirements

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

WHERE THE ROGUE RIVER RUNS



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