

Water Projects

Water Program Project Summary Sheet

Water Master Plan

Criteria Met:

Fiscal Year	Costs
2015/2016	280,000
2016/2017	\$20,000
Project Total	\$300,000

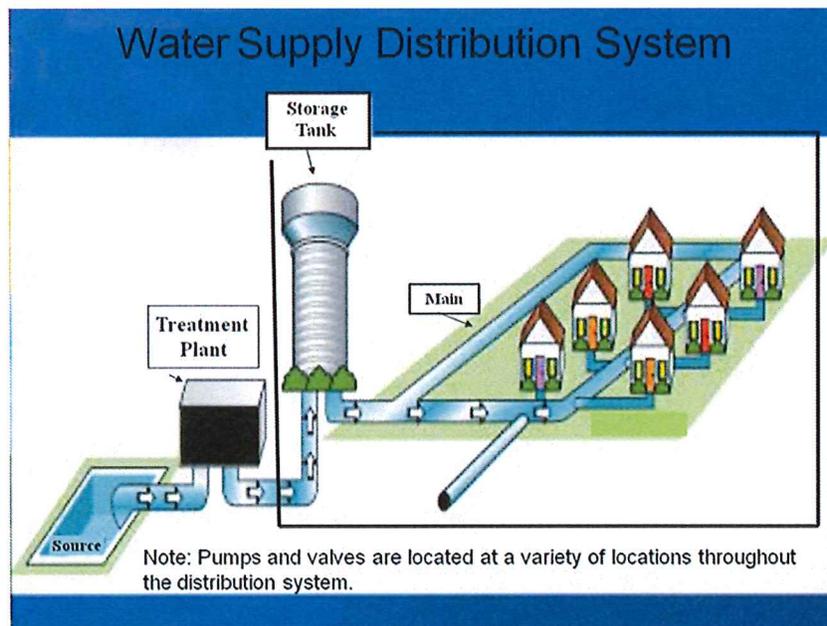
	Safety/Liability
x	Council Goals
x	Maintenance
x	Required per Regulation
	Coordinates with Larger Project
x	Existing Capacity
x	Cost Reduction
x	Future Capacity

Project Description:

The last Water Master Plan was adopted in 2004. Master Plans are generally updated every 10 years. The master plan will look at everything from source to distribution. This process is underway and will be completed in Summer/Fall of 2016. This plan will lay out the capital needs and revenues over the next 20 years.

Proposed Funding Sources:

This project is funded through the water utility. This project is 25% growth related.



Water Program Project Summary Sheet

North Valley Reservoirs

Criteria Met:

Fiscal Year	Costs
2015/2016	\$1,700,000
2016/2017	\$500,000
Project Total	\$2,200,000

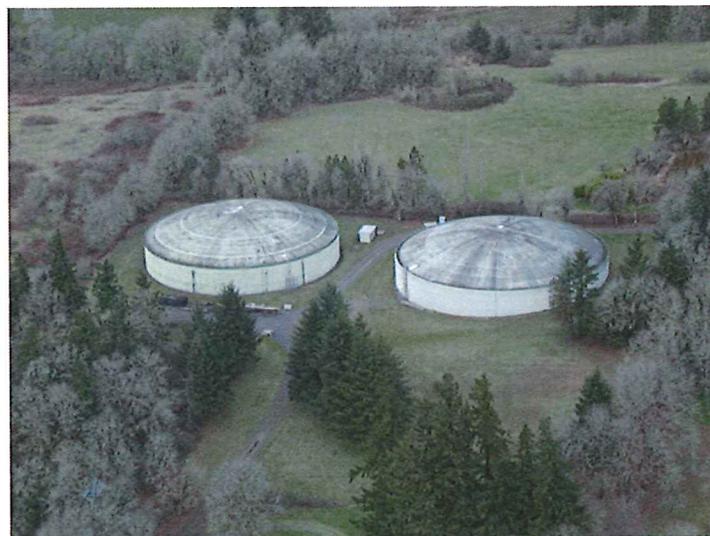
x	Safety/Liability
	Council Goals
x	Maintenance
	Required per Regulation
	Coordinates with Larger Project
x	Existing Capacity
	Cost Reduction
	Future Capacity

Project Description:

There are two existing 4 mg concrete reservoirs on this site. They were constructed in 1960 and 1977. Little to no structural maintenance has been completed on these reservoirs. In order to provide some surety in the event of an earthquake, NV#2 will be seismically retrofitted. Both reservoirs will be given an interior coating and a water mixing system. NV#2 is currently underway and NV#1 will occur next fall.

Proposed Funding Sources:

This project is funded through the water utility. This project is 15% growth related.



Water Program Project Summary Sheet

S. Springbrook Road – Bypass Project

Criteria Met:

Fiscal Year	Costs
2015/2016	\$535,000
Project Total	\$535,000

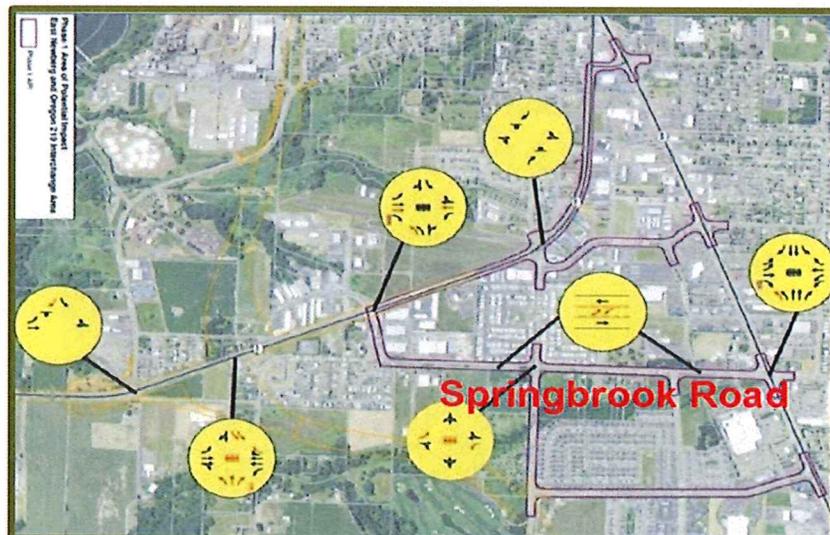
	Safety/Liability
	Council Goals
	Maintenance
	Required per Regulation
x	Coordinates with Larger Project
	Existing Capacity
x	Cost Reduction
x	Future Capacity

Project Description:

The Oregon Department of Transportation will start construction on Phase 1G of the Bypass in Spring of 2015. The City has an existing 12-14” water line in Springbrook Road. Due to the roadwork, the water line will need to be relocated (lowered in most instances). While it is being relocated, the City decided to upsize the line to match the size in the current master plan. The City will only be responsible for that portion of the cost associated with changing from a 12-14” pipe to a 24” pipe.

Proposed Funding Sources:

This project is funded through the water utility and SDCs. This project is 100% growth related.



Water Program Project Summary Sheet

Hypochlorite Generator

Criteria Met:

Fiscal Year	Costs
2018/2019	\$500,000
Project Total	\$500,000

x	Safety/Liability
	Council Goals
x	Maintenance
	Required per Regulation
	Coordinates with Larger Project
	Existing Capacity
	Cost Reduction
	Future Capacity

Project Description:

The existing generator at the Water Treatment Plant is nearing end of life. This project would replace the existing generator and would be compatible with the system that will be installed at the Wastewater Treatment Plant.

Proposed Funding Sources:

This project is funded through the water utility.



Water Program Project Summary Sheet

Valves on College Street

Criteria Met:

Fiscal Year	Costs
2018/2019	\$200,000
Project Total	\$200,000

x	Safety/Liability
	Council Goals
x	Maintenance
	Required per Regulation
x	Coordinates with Larger Project
x	Existing Capacity
x	Cost Reduction
	Future Capacity

Project Description:

One of the reasons for the massive amount of flooding in 2014 when the waterline in College Street broke is the lack of valves on the existing line to shut the flow of water off. This project would add valves in strategic locations to minimize future problems. It will be coordinated some with the College Street Relocation project.

Proposed Funding Sources:

This project is funded through the water utility.



Water Program Project Summary Sheet

College Street Relocation

Criteria Met:

Fiscal Year	Costs
2017/2018	\$470,000
Project Total	\$470,000

	Safety/Liability
	Council Goals
	Maintenance
	Required per Regulation
x	Coordinates with Larger Project
	Existing Capacity
	Cost Reduction
	Future Capacity

Project Description:

The Oregon Department of Transportation will be extending sidewalks and bike lanes further north on the east side of College Street. As a part of this project the City's existing water line will need to be lowered as it is too shallow. This work is scheduled to begin in 2017/2018 and will be coordinated with the Valves project.

Proposed Funding Sources:

This project is funded through the water utility.



Water Program Project Summary Sheet

New Hydrants and Valves

Criteria Met:

Fiscal Year	Costs
2016/2017	\$20,000
2017/2018	\$20,000
2018/2019	\$20,000
Project Total	--

	Safety/Liability
	Council Goals
x	Maintenance
	Required per Regulation
	Coordinates with Larger Project
x	Existing Capacity
	Cost Reduction
	Future Capacity

Project Description:

This funding would allow for the systematic replacement of valves and hydrants as they near their end of life.

Proposed Funding Sources:

This project is funded through the water utility.



Water Program Project Summary Sheet

Fixed Based Radio Read

Criteria Met:

Fiscal Year	Costs
2019/2020	\$1,000,000
2020/2021	\$25,000
Project Total	--

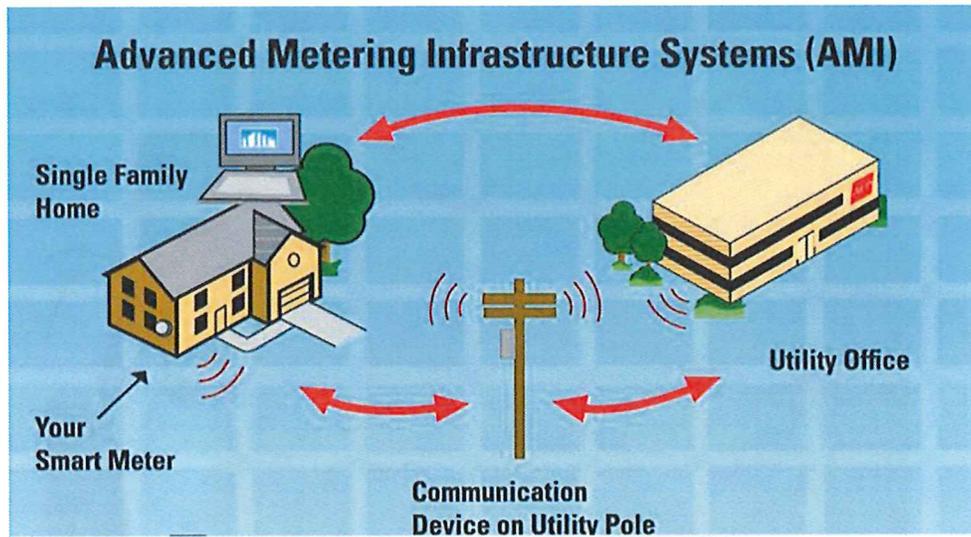
	Safety/Liability
	Council Goals
x	Maintenance
	Required per Regulation
	Coordinates with Larger Project
	Existing Capacity
x	Cost Reduction
	Future Capacity

Project Description:

The existing meter reading system requires that someone drive through the entire city to read the meters. The fixed based system will allow for the meters to be read from the maintenance yard in real time. This will cut down on labor costs and could help catch a leak sooner.

Proposed Funding Sources:

This project is funded through the water utility and SDCs. This project is 5% growth related.



Water Program Project Summary Sheet

Water Conservation Master Plan

Criteria Met:

Fiscal Year	Costs
2017/2018	\$25,000
Project Total	\$25,000

	Safety/Liability
	Council Goals
x	Maintenance
x	Required per Regulation
	Coordinates with Larger Project
x	Existing Capacity
x	Cost Reduction
x	Future Capacity

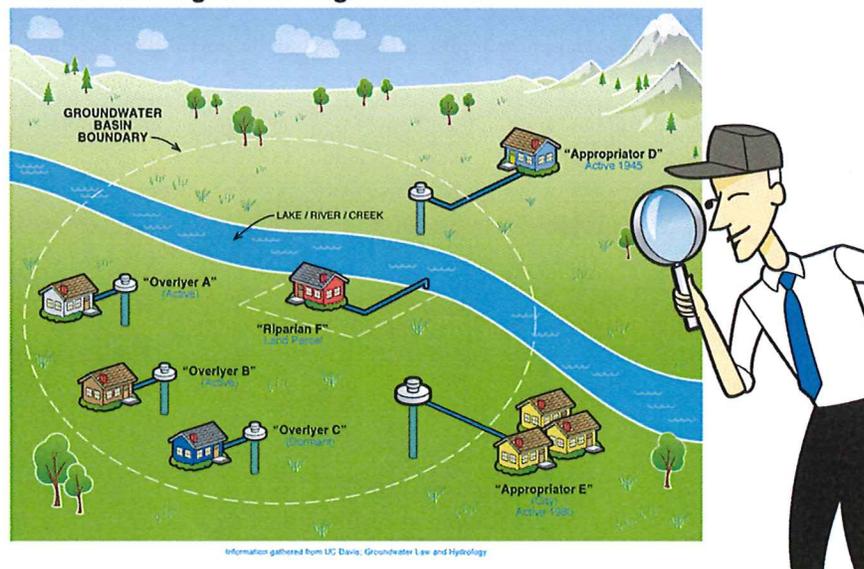
Project Description:

The City is required by state law to have a water conservation plan. The last plan was adopted in 2007. This plan would also review our existing water rights and apply for reconfiguration if necessary.

Proposed Funding Sources:

This project is funded through the water utility and SDCs. This project is 50% growth related.

Understanding Water Rights



Water Program Project Summary Sheet

Decommission Wells #1 & #2

Criteria Met:

Fiscal Year	Costs
2018/2019	\$200,000
Project Total	\$200,000

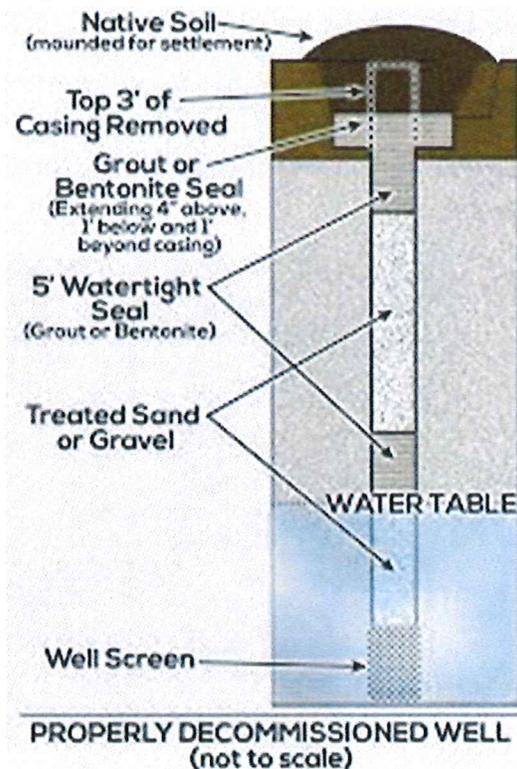
x	Safety/Liability
	Council Goals
	Maintenance
x	Required per Regulation
	Coordinates with Larger Project
	Existing Capacity
	Cost Reduction
	Future Capacity

Project Description:

Wells #1 & #2 have reached the end of life and are not being utilized. This project would properly decommission the wells per state standards.

Proposed Funding Sources:

This project is funded through the water utility.



Water Program Project Summary Sheet

General Piping Projects

Criteria Met:

Fiscal Year	Costs
2017/2018	\$100,000
2018/2019	\$100,000
2019/2020	\$100,000
2020/2021	\$100,000
Project Total	--

	Safety/Liability
	Council Goals
x	Maintenance
	Required per Regulation
	Coordinates with Larger Project
x	Existing Capacity
x	Cost Reduction
x	Future Capacity

Project Description:

This is a basic line to cover pipe looping, upsizing or replacements over the next 5 years. Once the master plan is completed, the City will have a better idea of which projects this might entail.

Proposed Funding Sources:

This project is funded through the stormwater utility and SDCs. This project is 50% growth related.

