Table D-5: Capital Improvement Plan Example

Year	Project Name	Project Description	Project Need	Date Flexible (Y or N)	Estimate of Project Cost	Method of Estimation	Potential Funding Source	Changes in Operation	Impact of Project on LOS
2010	Main Street Line Extension	Extend Main Street 6" PVC pipe to serve 20 customers currently on individual wells	20 customers are facing significant challenges with individual wells and must be added to water system	Yes, could be delayed up to 2 years	$150,000	Based on previous line extension cost; increased 5% to cover inflation	50% connection fees; 25%CDBG; 25% RIP Loan	None	Will be able to provide additional customers with water
2011	None Needed								
2012	Arsenic Removal Facility	Add Arsenic Adsorption System with building and all needed equipment	Source water cannot meet new regulatory requirement of 10 ppb	N, must meet date for regulatory requirements	$300,000	Engineer's Estimate	Requesting Legislative Grant; SRF loan	Higher level operator, Replacement and disposal of media, O&M costs higher	Will allow system to meet LOS requirement to be in compliance with regulatory standards
	2nd Street Line Replacement	Replacement of 2nd Street Line with new pipe	Line failures are so numerous, LOS can not be met	Y, but needs replaced within 1 to 2 years	$250,000	Based on previous costs	30% reserves; USDA RD loan/grant	None	Will meet LOS requirements
2013	None Needed								
2014	Replace 4 miles of 6" PVC Distribution Pipe	4 miles of pipe needs to be replaced due to current condition assessment and est. useful life	Needed to keep the system in good operating order	Y	$1.5 million	Engineer's Estimate	SRF loan or RD loan/grant	None	Reduce number of unplanned outages
2015-2016	None Needed								
2017	Replace Storage Tank 3	Replace Storage Tank #3 with a new, larger tank	Tank is well maintained but is reaching the end of its useful life, further rehab difficult; also, size needs to be increased	Y	$500,000	Cost several neighboring systems paid for similar tank	Need 50% grant, 50% from revenues or loan sources	May require some changes in the amount of time wells are pumped.	Improve overall quantity of storage; Increase fire flow; improve system pressure
2018-2022	None Needed								
2023	Replace Well #7	Drill a new well to take the place of Well #7	Well #7 has been declining in quantity for many years; anticipated that it will need replacement by 2024.	N	$15,000	Driller's Estimate	50% existing revenues and reserve funds; 50% loan funds	May require changes in the current pumping system	Improve overall water availability and the system's ability to provide water service