

# WATER SYSTEM DEVELOPMENT CHARGE UPDATE DRAFT REPORT September 2023

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# Section I. INTRODUCTION

This section describes the project scope and policy context upon which the body of this report is based.

## I.A. PROJECT

The City of Milwaukie (City) imposes a system development charge (SDC) to recover eligible infrastructure costs and provide partial funding for the capital needs of its water system. Water SDCs are charged to all new development within the City's boundaries, both residential and commercial. For a typical single-family dwelling unit, the current water SDC is \$2,297.

In 2021, the City contracted with FCS GROUP to update the City's water SDC based on the Water System Master Plan completed by Tetra Tech. This plan identified a total of \$50.0 million in capital projects to be completed by the City between 2023 and 2042.

## I.B. POLICY

SDCs are enabled by state statute, authorized by local ordinance, and constrained by the United States Constitution.

#### I.B.1. State Statute

Oregon Revised Statutes (ORS) 223.297 to 223.316 enable local governments to establish SDCs, which are one-time fees on development that are paid at the time of development or redevelopment that creates additional demand for the water system. SDCs are intended to recover a fair share of the cost of existing and planned facilities that provide capacity to serve future users (i.e., growth).

ORS 223.299 defines two types of SDC:

- A reimbursement fee that is designed to recover "costs associated with capital improvements already constructed, or under construction when the fee is established, for which the local government determines that capacity exists"
- An improvement fee that is designed to recover "costs associated with capital improvements to be constructed"

ORS 223.304(1) states, in part, that a reimbursement fee must be based on "the value of unused capacity available to future system users or the cost of existing facilities" and must account for prior contributions by existing users and any gifted or grant-funded facilities. The calculation must "promote the objective of future system users contributing no more than an equitable share to the cost of existing facilities." A reimbursement fee may be spent on any capital improvement related to the system for which it is being charged (whether cash-financed or debt-financed).

ORS 223.304(2) states, in part, that an improvement fee must be calculated to include only the cost of projected capital improvements needed to increase system capacity for future users. In other words, the cost of planned projects that correct existing deficiencies or that do not otherwise increase capacity for future users may not be included in the improvement fee calculation. An improvement



fee may be spent only on capital improvements (or portions thereof) that increase the capacity of the system for which it is being charged (whether cash-financed or debt-financed).

In addition to the reimbursement and improvement fees, ORS 223.307(5) states, in part, that "system development charge revenues may be expended on the costs of complying" with state statutes concerning SDCs, including "the costs of developing system development charge methodologies and providing an annual accounting of system development charge expenditures."

#### I.B.2. Local Ordinance

The City's code authorizes and governs the imposition and expenditure of SDCs in the City found in Section 13.28 of the Code of the City of Milwaukie.

#### I.B.3. United States Constitution

The United States Supreme Court has determined that SDCs, impact fees, or other exactions that comply with state and/or local law may still violate the United States Constitution if they are not proportionate to the impact of the development. The SDCs calculated in this report are designed to meet all constitutional and statutory requirements.

## I.C. SDC BACKGROUND

In general, SDCs are calculated by adding a reimbursement fee component (if applicable) and an improvement fee component—both with potential adjustments. Each component is calculated by dividing the eligible cost by growth in units of demand. The unit of demand becomes the basis of the charge. Below is an illustration of this calculation:







# Section II. SDC CALCULATION

This section provides the detailed calculations of the maximum allowable water SDC.

## II.A. GROWTH

The calculation of projected growth begins with defining the units by which current and future demand will be measured. Then, using the best available data, the current level of demand is quantified, and the future level of demand is estimated. The difference between the current level and the future level is the growth in demand that will serve as the denominator in the SDC calculations.

#### II.A.1. Unit of Measurement

A good unit of measurement allows an agency to quantify the incremental demand of development or redevelopment that creates additional demand for system facilities. A more precise unit of measurement allows an agency to distinguish different levels of demand added by different kinds of development or redevelopment.

For water SDCs, demand is often measured in terms of meter capacity equivalents (MCEs), where one MCE is equal to the maximum flow in gallons per minute provided by the smallest water meter the City installs. To calculate the demand incurred by other development types, MCEs can be assigned based on the differential flow rates of different meter sizes.

Currently, the City charges its water SDC using the MCE method using the flow rates of a 3/4" meter as its base. This report continues this practice.

#### II.A.2. Growth in Demand

In 2019, the City had a total maximum day water demand (MDD) of 4.13 million gallons per day (MGD). The Water System Master Plan estimates that MDD will grow to 5.64 MGD per day by 2040. Interpolating the City's estimates, the MDD in 2023 is approximately 4.38 MGD.

According to the City's estimates, there were 8,664 MCEs in 2023. If MCEs grow at the same rate as MDD, there will be 11,149 MCEs in 2040. So, the growth in MCEs over the planning period is 2,485 and the growth share, or the percentage of MCEs in 2040 that will arrive between 2023 and 2040, is 22.29 percent.

These calculations are summarized in **Exhibit 2** below. The growth of 2,485 will be the denominator for the SDC calculation.

				Growth	Growth
	2019	2023	2040	(2023-2040)	Share
Peak Season Maximum Day Demand (MGD)	4.13	4.38	5.64	1.26	22.29%
Total MCEs		8,664	11,149	2,485	22.29%
Source: 2021 Water System Master Plan, Table 3-7 (maximum day demand projections); previous tables (total MCEs)					

#### Exhibit 2: Growth in MCEs



### II.B. IMPROVEMENT FEE

An improvement fee is the eligible cost of planned projects per unit of growth that such projects will serve. The growth component (denominator) was calculated above and the following section will focus on the improvement fee cost basis (numerator).

#### II.B.1. Eligibility

A project's eligible cost is the product of its total cost and its eligibility percentage. The eligibility percentage represents the portion of the project that creates capacity for future users. Where possible, specific details about a project can provide an eligibility percentage. Details about pumping capacities for pump replacement projects allowed for specific eligibility calculations for those projects. Specific capacity calculations were also made for storage reservoir projects.

When specific details are not available or necessary, projects can be sorted into three broad categories. The first category is for projects that do not provide capacity for future users. Such projects may be purely replacement projects, or they may be solving a deficiency in the water system. Projects in this category are 0 percent eligible. The second category is for projects that are purely for future users, such as when new pipe is laid to provide for a new development. These projects are 100 percent eligible. Finally, projects that provide capacity that will be proportionately shared between current and future users are eligible at the growth share percentage discussed in the previous section, 22.29 percent.

#### II.B.2. Improvement Fee Cost Basis

Projects in the improvement fee cost basis were taken from the City's Water System Master Plan. Each project was assigned an eligibility percentage based on the discussion above. One project (Stanley Reservoir) will be entirely funded by outside sources and thus will not be included in the cost basis.

**Appendix A** displays all the projects in the water system improvement fee cost basis. The total cost for the project list is \$50.0 million. The eligibility for each project is shown in the SDC Eligibility column, and the SDC Eligible Costs column shows that the full amount of the improvement fee cost basis is \$11.6 million.

## II.C. REIMBURSEMENT FEE COST BASIS

A reimbursement fee is the eligible cost of the water facilities available for future users per unit of growth that such facilities will serve. The denominator of this equation is calculated as the growth in demand. The following discussion focuses on calculating the numerator of the equation to determine the eligible cost of the water facilities available for future users. That is, it focuses on the cost of reimbursable water facilities.

#### II.C.1. Storage Capacity for Growth

According to the 2021 Water System Master Plan, the current storage system has 6.00 million gallons (MG) of capacity. Based on Table 7-4 of the Water System Master Plan and the projected required capacity between 2019 and 2040, the current required capacity is estimated to be 3.87 MG. By 2040,



that demand will rise to 6.40 MG. Thus, the difference between existing required capacity and existing capacity – or 2.13 MG – is available for growth that will arrive by 2040. That is, 35.5 percent of the storage capacity is available for growth.

The estimated total original cost of storage assets in the City is \$1.4 million. There was no outside funding, and the water utility has no outstanding debt, so no adjustments to the cost basis are necessary. Therefore, the reimbursable cost of the storage facilities is \$1.4 million multiplied by the capacity available for growth of 35.5 percent, for a total of \$514,000.

These calculations are summarized in Exhibit 3 below.

Storage	
Existing Capacity (MG)	6.00
2023 Required Capacity (MG)	3.87
2040 Required Capacity (MG)	6.40
Capacity Available for Growth (MG)	2.13
Capacity Available for Growth (%)	35.5%
Original Cost	\$ 1,447,865
Outside Funding	-
Total Reimbursable Cost:	\$ 514,174

#### **Exhibit 3: Reimbursable Cost of Storage Facilities**

Source: 2021 Water System Master Plan, Table 7-4 (capacity and demand); City staff (original cost of storage assets)

#### II.C.2. Supply Capacity for Growth

Based on Table 5-3 of the Water System Master Plan and the projected MDD between 2019 and 2040, the current MDD is estimated to be 3,372 gallons per minute (gpm). By 2040, that demand will rise to 4,304 gpm. Further, with capacity of 5,094 gpm, the City has more than sufficient supply to accommodate growth. Thus, the difference between existing MDD and future MDD – or 932 gpm – is available as capacity for growth that will arrive by 2040. That is, 18.3 percent of the supply capacity is available for growth.

The estimated total original cost of supply assets in the City is \$4.3 million. There was no outside funding, and the water utility has no outstanding debt, so no adjustments to the cost basis are necessary. Therefore, the reimbursable cost of the supply facilities is simply \$4.3 million multiplied by the capacity available for growth of 18.3 percent, for a total of \$788,000.

These calculations are summarized in Exhibit 4 below.



Supply				
Existing Supply Capacity (gpm)		5,094		
Existing MDD (gpm)		3,372		
2040 MDD (gpm)		4,304		
Capacity Available for Growth (gpm)		932		
Capacity Available for Growth (%)		18.3%		
Original Cost	\$	4,307,901		
Outside Funding		-		
Total Reimbursable Cost:	\$	788,052		
Source: 2021 Water System Master Plan, Table 5-3				

#### Exhibit 4: Reimbursable Cost of Supply Facilities

(demand); City staff (original cost of supply assets)

#### II.C.3. Pumping Capacity for Growth

Pumping capacity in the City is broken down by zones into Zones 1, 2, 3, and 4. Analysis of each zone was performed separately. The only zone with surplus capacity was Zone 4, whose pumping capacity estimates are listed below.

According to the 2021 Water System Master Plan, Zone 4's current pumping system has 2,350 gpm of "firm" capacity (capacity with its largest pump out of service). Based on Table 7-6 of the Water System Master Plan and the projected MDD plus fire flow between 2019 and 2040, Zone 4's current MDD plus fire flow is estimated to be 1,526 gpm. By 2040, that demand will rise to 1,539 gpm. Thus, the difference between current demand and future demand – or 13 gpm – is available for growth that will arrive by 2040. That is, 0.6 percent of the pumping capacity is available for growth.

The estimated total original cost of pumping assets in Zone 4 is \$278,000. There was no outside funding, and the water utility has no outstanding debt, so no adjustments to the cost basis are necessary. Therefore, the reimbursable cost of the supply facilities is simply \$278,000 multiplied by the capacity available for growth of 0.6 percent, for a total of \$1,538.

These calculations are summarized in Exhibit 5 below.

Exhibit 5:	Reimbursable	Cost of F	Pumping	Facilities
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Pumping (Zone 4)	
Existing Firm Capacity (gpm)	2,350
2023 MDD plus Fire Flow (gpm)	1,526
2040 MDD plus Fire Flow (gpm)	1,539
Capacity Available for Growth (gpm)	13
Capacity Available for Growth (%)	0.6%
Original Cost	\$ 278,071
Outside Funding	-
Total Reimbursable Cost:	\$ 1,538

*Source: 2021 Water System Master Plan, Table 7-6* (*demand*); *City staff (original cost of pumping assets*)



#### II.C.4. Total Reimbursable Cost

Due to fire flow deficiencies, the transmission and distribution (T&D) system has no capacity for growth. Therefore, the total from the storage, pumping, and supply systems of \$1.3 million will be the reimbursement fee cost basis.

	Estimated Capacity for Growth	ed or Original Cost th		Re	imbursable Cost
Supply	18.29%	\$	4,307,901	\$	788,052
Storage	35.51%		1,447,865		514,174
Pumping	0.22%		687,747		1,534
Transmission & Distribution	0.00%		15,009,614		-
Total:		\$	21,453,127	\$	1,303,760

Exhibit 6: Total System R	Reimbursable Costs
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## II.D. CALCULATED SDC

This section combines the eligible costs from the improvement fee cost basis and the reimbursement fee cost basis and applies some adjustments. The result is a total SDC per MCE.

#### II.D.1. Adjustments

The City must reduce its improvement fee cost basis by \$79,779 to account for any remaining improvement fee fund balance in its current SDC fund. This is done to avoid double-charging for projects that the City has already collected improvement fees for. This adjustment is shown in **Exhibit 7** below.

#### Exhibit 7: Adjustments to the Improvement Fee Cost Basis

Adjustments to SDC Cost Basis			
Unadjusted Improvement Fee Cost Basis	\$	11,635,069	
Improvement Fee Fund Balance		(79,779)	
Total Improvement Fee Cost Basis:	\$	11,555,291	

To account for the cost of complying with SDC law, the City may add \$1.0 million to the full SDC cost basis. This is based on the City's current practice of adding 7.66 percent to the total improvement and reimbursement fees to account for administration of the SDC program.

#### II.D.2. Calculated SDC

**Exhibit 8** below summarizes the full calculation of the SDC. As shown, the full SDC is \$5,603 per MCE.



Exhibit	8:	Calculated	SDC
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Calculated SDC	
Improvement Fee Cost Basis	\$ 11,555,291
Reimbursement Fee Cost Basis	1,303,760
Compliance Costs	985,098
Total:	\$ 13,844,149
Growth in MCEs	2,485
Improvement Fee per MCE	\$ 4,682
Reimbursement Fee per MCE	525
Compliance Fee per MCE	396
Total SDC per MCE:	\$ 5,603

Exhibit 9 below shows the full water SDC schedule.

	-					
Motor Sizo	MCE Patio	Improvement	Reimbursement	Compliance	С	alculated
Weter Size	IVICE RALIO	Fee	Fee	Fee		Full SDC
3/4"	1.00	\$ 4,682	\$ 525	\$ 396	\$	5,603
1"	1.67	7,804	874	661		9,339
1.5"	3.33	15,608	1,749	1,321		18,678
2"	5.33	24,972	2,798	2,114		29,885
3"	10.67	49,944	5,596	4,229		59,769
4"	16.67	78,038	8,744	6,607		93,389
6"	33.33	156,075	17,489	13,214		186,779
8"	53.33	249,721	27,982	21,143		298,846
10"	76.67	358,973	40,225	30,393		429,591
12"	168.75	790,132	88,538	66,898		945,567

#### **Exhibit 9: Water SDC Schedule**

The City's wastewater utility assesses wastewater SDCs in a scaled rate schedule segmented by house size. This approach is based on – and designed to be consistent with – the approach proposed by Clackamas County Water Environment Services (WES). To be consistent between the wastewater and water utility, scaled water SDCs have been calculated as well. In **Exhibit 10**, equivalent dwelling units (EDUs) are applied to the calculated SDC based on house square footage. These would apply only to homes with <sup>3</sup>/<sub>4</sub>" water meters.



Exhibit 10:	Scalable	SDC by Hou	use Si	ze			
				Max.			
		EDUs	Wate	r SDC			
Single-Family Residential							
< 500 sqft (use ADU rate	)	0.60	\$	3,362			
500-800 sqft		0.70		3,922			
800-1,799 sqft		0.90		5,043			
1,800-2,999 sqft		1.00		5,603			
3,000-3,799 sqft		1.10		6,164			
≥ 3,800 sqft		1.20		6,724			
Accessory dwelling unit	(ADU)	0.60		3,362			
Source: 2021 Water Environment Services Rules and Regulation							



# Section III. IMPLEMENTATION

This section addresses practical aspects of implementing SDCs and provides a comparison with relevant jurisdictions.

#### III.A. INDEXING

ORS 223.304 allows for the periodic indexing of SDCs for inflation, as long as the index used is:

(A) A relevant measurement of the average change in prices or costs over an identified time period for materials, labor, real property or a combination of the three;

(B) Published by a recognized organization or agency that produces the index or data source

for reasons that are independent of the system development charge methodology; and

(C) Incorporated as part of the established methodology or identified and adopted in a separate ordinance, resolution or order.

In accordance with Oregon statutes, it is recommended that the City use the *Engineering News-Record* (ENR) Construction Cost Index (CCI) – Seattle as the basis for adjusting SDCs annually. ENR does not have a comparable Oregon-specific index.

#### III.B. COMPARISONS

This section provides comparisons for the City's current and proposed water SDCs against those of comparable jurisdictions. As shown in **Exhibit 11**, the current charge puts the City at the very bottom of comparable jurisdictions. If the water SDC is implemented as proposed, the City will move above a few jurisdictions.

Exhibit 11:	Water SDC Comparisons			
	_	Water SI	DC per 5/8" meter	
West Linn	\$	15,385		
Oregon City		13,967		
Wilsonville		12,089		
Tigard		10,853		
Beaverton		10,329		
Gladstone		9,986		
Lake Oswego		9,571		
Sherwood		9,544		
Tualatin		8,290		
Milwaukie (proposed)		5,603		
Gresham		5,603		
Portland		4,563		
Milwaukie (current)		2,197		

Source: FCS Group Survey (7/12/23) Assumes 5/8" meter



# APPENDIX A – IMPROVEMENT FEE COST

# BASIS

Cost   Cost   Funding   Cost     1   Unspecified miscellaneous equipment replacement and upgrades as needed 2023-2022   \$32,548   0.00%   \$ -   \$7,522     2   Intertite Development   2025-2032   325,368   0.00%   \$ -   \$7,522     4   HVAC upgrades all wellhouse   2023-2027   325,368   0.00%   -   -     5   Well if after conditioning   2023   65,074   0.00%   -   -     7   Well if after conditioning   2023   65,074   0.00%   -   -     9   Well if after conditioning   2026   65,074   0.00%   -   -     10   Well if after conditioning   2026   10,8,456   0.00%   -   -     11   Well if after conditioning   2026   10,8,456   0.00%   -   -     12   Well after conditioning   2026   10,8,456   0.00%   -   -     12   Well after conditioning   2027   1,24,316   22.29%   - <td< th=""><th></th><th>Description</th><th>Timeline</th><th>20</th><th>23 Project</th><th>SDC Eligibility</th><th>Outsid</th><th>le s</th><th>SDC-Eligible</th></td<>		Description	Timeline	20	23 Project	SDC Eligibility	Outsid	le s	SDC-Eligible
1   Unspectived mixeeinaneous equipment replacement and upgrades as needed. 2022-2032   5   3.5,368   0.00%   5   -   5   7.522     3   Re-establish the production of Well 8 to maximize supply   2024   2021,323   28.5368   0.00%   -   -   60.435     4   Well 98 Reconditioning   2023   65.074   0.00%   -   -   -     9   Well 98 Reconditioning   2023   65.074   0.00%   -   -     9   Well 98 Reconditioning   2026   65.074   0.00%   -   -     10   Well 98 Reconditioning   2026   65.074   0.00%   -   -     10   Well 98 Reconditioning   2026   108.456   0.00%   -   -     11   Well 28 Reconditioning   2026   12.75.255   22.29%   -   386.782     12   CRW / Oak Lodge Intertite   2023   2026   17.35.255   22.29%   -   386.782     12   CRW / Oak Lodge Intertite   2027   1,351.471			- 2022 2022	4	Cost	0.001	Fundir	ug 🧳	Cost
2   Inter be bereforgiment   202-002   323,88   212,3%   -   72,12     3   Re-stability the production of Well 8 to maximize supply   2024   271,140   22,25%   -   60,04%     4   HVAC upgrades all wellhouses   2023-027   323,88   0.00%   -   -     5   Well 8 feaconditioning   2023   65,074   0.00%   -   -     6   Well 87 Reconditioning   2026   65,074   0.00%   -   -     7   Well 87 Reconditioning   2026   65,074   0.00%   -   -     10   Well 87 Reconditioning   2026   10,84,86   0.00%   -   -     11   Well 87 Reconditioning   2026   10,84,86   0.00%   -   -     12   CRW / Dak Lodge Intertion   2024   12,32,316   22,29%   386,782     13   WTP 47 generation replacement/ relocation and automatic transfer switch/ 2027   1,735,255   22,29%   -   51,89,744     12   Construct adiditional 3M3 storage reservit to a	1	Unspecified miscellaneous equipment replacement and upgrades as needs	2025-2032	>	325,308	0.00%	Ş -	5	73 513
3 Net: Stability in the production of view is of maximize supply   2024   271,100   22,23%   -   60,435     5 Well if a Reconditioning   2023   65,074   0.00%   -   -     7 Well if a Reconditioning   2023   65,074   0.00%   -   -     9 Well if a Reconditioning   2024   65,074   0.00%   -   -     10 Well if a Reconditioning   2026   65,074   0.00%   -   -     11 Well if a Beconditioning   2026   65,074   0.00%   -   -     10 Well if a Reconditioning   2026   10,0456   0.00%   -   -     11 Well if a Beconditioning   2026   10,0456   0.00%   -   -     12 CKV / Oak kodge Intertie   2024   1,23,156   2.2.2%   285,772   2.2.9%   386,782     13 Stanley Reservoir: 3.0 M6 tank recoating, Modernize mixing system   2023-2024   2,895,774   -   -     14 More 3 generation replacement/ relocation and automatic transfer switch/ b 2002   10,0436   -   -     15 Stanley Reservoir: 3	2	Parastablish the association of Well R to maximize supply	2025-2032		323,308	22.23%	-		12,522
a NAX. Dipplaces all well electrical upgrades   2023-2027   342,388   0.00%   -   -     6 Well electrical upgrades   2024-2027   66,074   0.00%   -   -     7 Well R Reconditioning   2023   66,074   0.00%   -   -     8 Well es Reconditioning   2026   65,074   0.00%   -   -     9 Well RS Reconditioning   2026   108,456   0.00%   -   -     10 Well Rs Reconditioning   2026   108,456   0.00%   -   -     11 Well RS Reconditioning   2026   108,456   0.00%   -   -     12 GWV / DAK Lodge Intertite   2024   112,316   22,37%   -   28,6782     13 WTP 235 generation replacement/ relocation and automatic transfer switch/ 2026   1,735,295   22,37%   -   38,6782     14 WTP 47 generation replacement/ perforable Divers inc. Report July 2003 ar 223-2024   2,855,774   -   -     15 Construct additional 3MG storage reservoir to address storage deficiency in 22023-2032   325,388   0.00%   -     12 Replace thinkiner replacement/ pe	3	Re-establish the production of well 8 to maximize supply	2024		271,140	22.29%			00,435
3 Veri Harchnal bigglastis   2004-2032   640,710   22,23%   -   90,032     7 Weil Harchnaltsoning   2023   65,074   0.00%   -   -     9 Weil Harchnaltsoning   2023   65,074   0.00%   -   -     9 Weil Harchnaltsoning   2026   65,074   0.00%   -   -     10 Weil Harchnaltsoning   2026   108,456   0.00%   -   -     10 Weil Harchnaltsoning   2026   108,456   0.00%   -   -     12 CRW / Oak todge intertite   2024   123,316   22,29%   -   386,782     12 Stanley Resention replacement/ relocation and automatic transfer switch/ b 2027   1,735,295   22,29%   2.857,774   -     15 Construct additional 3MG storage reservoir to address storage deficiency in 22023-2020   2,495,774   -   -   -     16 Address deficience maintenance   2023-2030   7,048,637   7,33%   -   5,189,734     17 Concrete Tank liner replacement/ relocation and sutomatic transfer switch/ b 20,002 gm pumps   2027   1,304,471   40.443%   -   -<	4	HVAC upgrades all wellhouses	2023-2027		323,308	22.20%			00.653
0   Verili #7 Reconditioning   2023   65,074   0.00%   -     8   Veli #7 Reconditioning   2024   65,074   0.00%   -     10   Well #7 Reconditioning   2026   65,074   0.00%   -     11   Well #7 Reconditioning   2026   65,074   0.00%   -     12   Well #7 Reconditioning   2028   65,074   0.00%   -     12   Well #7 Reconditioning   2028   108,456   0.00%   -     13   WDP 47 generation replacement/relocation and automatic transfer switch/ 2026   1,755,255   22.29%   -   386,782     14   WDP 47 generation replacement/relocation and automatic transfer switch/ 2027   2030   7,049,637   7.333%   -   5,189,774     15   Construct additional 3MG storage reservoir to address storage deficiency in 2023-2030   7,049,637   7.333%   -   5,189,774     16   Construct additional 3MG storage nearevoir to address storage deficiency in 2023-2030   7,049,637   7.333%   -   5,189,744     17   Constret ank liner replacement (per Potabl	0	Well #4 Despeditioning	2024-2052		400,710	22-25%	-		90,052
Very Network   2023   2024   60,074   0.00%   -     9   Vell #S Reconditioning   2026   65,074   0.00%   -     10   Vell #S Reconditioning   2026   65,074   0.00%   -     11   Well #S Reconditioning   2028   108,456   0.00%   -     11   Well #S Reconditioning   2028   108,456   0.00%   -     12   CKW / Oak Lodge Intertie   2044   122,151   22.29%   -   366,782     13   WTP 235 generation replacement/ relocation and automatic transfer switch/ 2026   1,755,755   22.29%   -   366,782     14   WTP 47 generation replacement (per Potable Divers inc. Report July 2020) ar 2023   260,738   0.00%   -   -     15   Statley Reservoir 3.0 M6 task storage reservoir to address storage deficiency in 2023-2032   22,53,58   0.00%   -   -     16   Address deferred maintenance   2023-2032   1,301,471   40.435   -   526,120     18   Address deferred maintenance   2022   1,301,471	7	Well #7 Percenditioning	2023		65,074	0.00%			· ·
a Veril # Reconditioning   2024   65,074   0.00%   -     10 Well # Reconditioning   2026   65,074   0.00%   -     11 Well # Reconditioning   2026   10,8456   0.00%   -     12 CRW / Oak Lodge Intertie   2026   10,8456   0.00%   -     12 CRW / Oak Lodge Intertie   2026   1,735,295   22.29%   -   386,782     13 WTP 37 generation replacement/ relocation and automatic transfer switch/ b 2027   1,735,295   22.99%   -   386,782     15 Construct additional 3MS torage reservoir to address storage deficiency in 2023-2024   2,895,774   -   -     16 Address deferred maintenance   2023-2023   235,388   0.00%   -   -     18 Address deferred maintenance   2023-2022   22.5%   -   21,894   -     12 Replace the VFS with two 2,000 gpm pumps.   2005   1,125,388   0.00%   -   -     18 Address deferred maintenance   2023   105,202   22.29%   -   21,889     12 Replace the VFS with two 2,000 gpm pumps.   20025   10,502	-	Well #7 Reconditioning	2023		65,074	0.00%	-		
9   Veli # Reconditioning   2028   65,074   0.00%   -   -     11   Well # Reconditioning   2026   168,456   0.00%   -     12   CRW / 0.84,456   0.00%   -   -     12   WTP 235 generation replacement/ relocation and automatic transfer switch/   2026   1,735,295   22.29%   -   386,782     14   WTP 47 generation replacement/ relocation and automatic transfer switch/   2023   22.895,774   2.29%   2.895,774   -   366,782     15   Stanley Reservoirs: 0.04 Modernize mixing system   2023-2030   7,049,637   73.33%   -   5,169,774     16   Construct additional 3MG storage reservoir to address storage deficiency in 2.2029-2030   7,049,637   73.33%   -   5,169,774     17   Concrete Tank liner replacement (per Potable Divers inc. Report July 2020) ar 2023   2053   16,05,786   0.00%   -   -     18   Address deferred maintenance   2023-2012   12,504,471   40.43%   -   526,120     19   Replace WPS with two 2,000 gpm pumps.   2002	0	Well #5 Reconditioning	2024		65,074	0.00%	<u> </u>		
Down in the network of the n	9	Well #5 Reconditioning	2026		65,074	0.00%	0		<u></u>
Lit Wein R solutioning improvements   20.06   100,455   0.005   -   -     12 CRW / Oak todge interive   2024   131,35,255   22.29%   -   386,782     13 WTP 235 generation replacement/ relocation and automatic transfer switch/ 2025   1,735,255   22.29%   -   386,782     14 WTP 47 generation replacement/ relocation and automatic transfer switch/ 2027   1,735,255   22.29%   2,855,774   -     15 Construct additional 3MG storage reservoir to address storage deficiency in 2 2028-2030   7,049,637   7,33.3%   -   5,169,734     17 Concret Tank liner replacement (per Potable Divers Inc. Report July 2020) ar 2023   60,076   -   -     18 Address deferred maintenance   2023 - 2024   1,801,471   40,435   -   5,169,734     12 Replace W2 PS with two 3,000 gmp pumps.   2032   1,301,471   40,435   -   719,063     12 Replace the W6 PS with two 2,000 gmp pumps.   2032   1,301,471   40,435   -   21,864     12 Replace the W6 PS with two 2,000 gmp pumps.   2032   1,301,471   40,435   -   21,864     12 Replace the W6 PS with two 3,000 g	10	Well #6 Reconditioning	2028		100,456	0.00%	-		
Like View 7 Dak Longe methor   222-25%   -   22-25%   -   22-25%   -   22-25%   -   22-25%   -   386,782     14   WTP 47 generation replacement/ relocation and automatic transfer switch/ 2026   1,735,255   22.29%   -   386,782     15   Stanley Reservoir: 3.0 MG tank recoating. Modernize mixing system   2022-2024   2,895,774   -   5,169,734     15   Construct additional 3MS storage reservoir to address storage deficiency in 2202-2030   7,045,637   73.33%   -   5,169,734     16   Construct additional 3MS storage reservoir to address storage deficiency in 2202-2030   203,8637   80.00%   -   -     18   Address deferred maintemance   2023   203,8638   0.00%   -   -     18   Address deferred maintemance   2025   1,626,839   0.00%   -   -     18   Address deferred maintemance   2025   1,052,022   22.29%   -   23,449     12   Israil 800 feet of 12-inch pipe on Nimorth C1.   2028   112,5148   22.29%   -   123,514	11	Well #2 Building Improvements	2026		108,456	0.00%	-		-
11 W1P 42s generation replacement/relocation and automatic transfer switch/ 2027 1,735,295 22.29% - 386,782   15 Stanley Reservoir: 3.0 MG tank recoating. Modernize mixing system 2023-2024 2,895,774 22.29% 2,895,774 - 386,782   15 Stanley Reservoir: 3.0 MG tank recoating. Modernize mixing system 2023-2024 2,895,774 22.29% 2,895,774 - 386,782   16 Construct additional 3MG storage reservoir to address storage deficiency in 22025-2030 7,049,637 73.33% - 5,189,734   17 Concrete Tank inner replacement (per Potable Divers Inc. Report July 2002) ar 2023 630,736 0.00% - -   18 Replace the 3rd Zone PS with two 2,000 gpm pumps. 2023 1,301,471 40.43% - 526,120   12 Lava Pump Station backup generator 2023 1,202,948 22.29% - 23,489   23 Replace the WBPS with two 2,000 gpm pumps. 2025 1,129,948 22.29% - 23,489   24 Install AVO feet of 12-inch pipe on Finwood st. 2027 303,677 22.29% - 23,489   25 Install AVO feet of 5-	12	CRW / Oak Lodge Intertie	2024		132,310	22.29%	-		29,492
14 W19 Ar generation replacement/ relocation and automatic transfer switch /b 2027 1/15, 259 22.29% - 386, 782   15 Stanley Reservoir: 3.0 MKG storage reservoir to address storage deficiency in 2 2023-2030 7,049, 637 73.33% - 5,169, 734   16 Construct additional 3MG storage reservoir to address storage deficiency in 2 2023-2032 2325, 368 0.00% - -   18 Address deferred maintemance 2023-2032 2325, 368 0.00% - -   18 Address deferred maintemance 2023-2032 1,301,471 40.43% - 526,110   18 Address deferred maintemance 2023 1,301,471 40.43% - 526,110   12 Replace the WS PS with two 2,000 gpm pumps. 2025 105,202 22.29% - 23,449   18 Replace the WS PS with two 2,000 gpm pumps. 2027 534,264 22.29% - 23,449   18 Install 300 feet of 12-inch pipe on Finwood St. 2027 534,264 22.29% - 23,449   19 Install 300 feet of 12-inch pipe on Sinw ofth Ct. 2027 533,677 22.29% - 123,54	13	WIP 235 generation replacement/ relocation and automatic transfer switch	/ 2026		1,735,295	22.29%	*		386,782
15 Stanley Reservoir: 30 MG tank recoating. Modernize mixing system 2023-2024 2,895,774 2,295,774 5,189,774   16 Construct additional 3MG storage reservoir to address storage deficiency in 2,2025 70,06,637 73,33% - 5,169,774   17 Concrete Tank liner replacement (per Potable Divers Inc. Report July 2020) ar 2023 650,736 0.00% - -   18 Address deferred maintenance 2023-2032 325,368 0.00% - -   18 Replace W2 PS with two 3,000 gpm pumps. 2025 1,65,202 22,29% - 23,449   22 Lawa Pump Station Backup generator 2025 10,52,022 22,87% - 23,449   23 Replace the Vip Station Backup generator 2027 30,471 55,25% - 12,3,491   25 Install 300 fore of 12-inch pipe on Firwood St. 2027 303,677 22,29% - 23,449   25 Install 300 fore of 12-inch pipe on Firwood St. 2027 303,677 22,29% - 123,451   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Tirwood St. 2027 759,354 22,29% - 1	14	WTP 47 generation replacement/ relocation and automatic transfer switch/	b 2027		1,735,295	22.29%			386,782
16 Construct additional 3MG storage reservoir to address storage deficiency in 22022-2030 7,049,637 73.33% - 5,169,734   17 Concrete Tank line replacement (per Potable Divers inc. Report July 2020) ar 2023 630,736 0.00% -   18 Address deferred maintenance 2023-2032 325,368 0.00% -   18 Replace W2 PS with two 3,000 gpm pumps. 2002 1,301,471 40.43% - 526,120   21 Replace the W6 PS with two 2,000 gpm pumps. 2002 1,201,471 40.43% - 526,120   21 Replace the W6 PS with two 2,000 gpm pumps. 2002 1,219,488 22.29% - 23,449   23 Replace 10-inch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10-ii 2025 1,129,948 22.29% - 251,856   24 Install 300 feet of 12-inch pipe on Flavel Dr. 2027 534,224 22.29% - 67,687   26 Replace 4-inch pipe on Flavel Dr. 2027 759,354 22.29% - 67,687   26 Replace 4-inch pipe with 200 feet of 8-inch pipe on Clak St. Replace 4,6-inch 2027 759,354 22.29% - 128,511	15	Stanley Reservoir: 3.0 MG tank recoating. Modernize mixing system	2023-2024		2,895,774	22.29%	2,895,77	4	•
17 Concrete Tank liner replacement (per Potable Divers Inc. Report July 2020) ar 2023 650,736 0.00% -   18 Address deferred maintenance 2023-2032 325,368 0.00% -   18 Replace W2 PS with two 3,000 gpm pumps. 2025 1,202,6839 0.00% -   20 Replace the 3rd Zone PS with two 2,000 gpm pumps. 2032 1,301,471 40.43% - 526,120   21 Replace the W6 PS with two 2,000 gpm pumps. 2032 1,301,471 55.25% - 719,063   22 Lava Pump Station backup generator 2025 105,202 22.29% - 23,449   23 Replace 10-inch pipe with 650 feet of 12-inch pipe on Min St. Replace 6,10-ii 2026 1,129,948 22.29% - 251,856   24 Install 1470 feet of 12-inch pipe on Flaved Dr. 20027 303,677 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% -   27 Install 750 feet of 12-inch pipe on Pirve and Ath Ave. Replace 4-inch 2027 273,359 0.00% - -   29 Replace 4-inch pipe with 360 feet of 8-inch pipe on Tak St. Replace 4-inch 2027 260,077 0.00% - -   28 Replace 4-inch pipe with 350 feet of 8-inch pipe on Carke 5. Replace 4	16	Construct additional 3MG storage reservoir to address storage deficiency in	2 2029-2030		7,049,637	73.33%	-		5,169,734
18 Address deferred maintenance 2023-2032 325,986 0.00% -   19 Replace W2 PS with two 3,000 gpm pumps 2027 1,301,471 40.43% - 526,120   11 Replace the W6 PS with two 2,000 gpm pumps. 2032 1,301,471 55.25% - 719,063   21 Lava Pump Station backup generator 2025 105,202 22.29% - 23,449   23 Replace 10-inch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10-i12026 1,129,948 22.29% - 23,449   25 Install 1470 feet of 12-inch pipe on Flavel Dr. 2027 554,264 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 5-inch pipe on Winworth Ct. 2028 136,112 0.00% -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 feet of 8-inch pipe on 18 kSt. Install 380 feet of 2027 759,354 22.29% 169,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on 18 kSt. Replace 4-inch 2027 260,077 0.00% -   29 Replace 4-inch pipe with 350 feet of 8-inch pipe on Drake St. Replace 4-inch 201 310,943 0.00% -	17	Concrete Tank liner replacement (per Potable Divers Inc. Report July 2020)	ar 2023		650,736	0.00%	-		-
19 Replace W2 PS with two 3,000 gpm pumps. 2025 1,266,839 0.00% -   20 Replace the 3rd Zone PS with two 2,000 gpm pumps. 2032 1,301,471 40.43% - 526,120   21 Replace the W6 PS with two 2,000 gpm pumps. 2032 1,301,471 452,55% - 719,063   22 Lawa Pump Station backup generator 2025 105,202 22.29% - 23,449   23 Replace 10-inch pipe on Flavel Dr. 2027 554,264 22.29% - 213,551   24 Install 400 feet of 12-inch pipe on Flavel Dr. 2027 303,677 22.29% - 169,654   25 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% - -   27 Install 750 feet of 12-inch pipe on Elk St. Install 380 feet of 6 2025 273,309 0.00% - -   28 Replace 4-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4-inch 2027 260,077 0.00% - -   29 Replace 6-inch pipe with 350 feet of 8-inch pipe on Drake St. Replace 6-inch 2021 1,868,642 22.29% 443,746   38	18	Address deferred maintenance	2023-2032		325,368	0.00%			
20 Replace the 3rd Zone PS with two 2,000 gpm pumps 2027 1,301,471 40.43% - 526,120   21 Replace the W6 PS with two 2,000 gpm pumps. 2032 1,301,471 55.25% - 719,063   22 Lava Pump Station backup generator 2025 105,202 22.29% - 23,449   23 Replace 10-inch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10-ii 2026 1,129,948 22.29% - 213,541   25 Install 4070 feet of 12-inch pipe on Flavel Dr. 20027 303,677 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% - -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 169,254   28 Replace 4-inch pipe with 260 feet of 8-inch pipe on Drake St. Replace 4-inch 2017 260,077 0.00% - -   29 Replace 16-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 6-inch 2018 1,937,023 22.29% - 431,746   29 Replace 16-inch pipe with 300 feet of 16-inch pipe on Spartow St. Replace 10-2029	19	Replace W2 PS with two 3,000 gpm pumps.	2025		1,626,839	0.00%			
21 Replace the WB PS with two 2,000 gpm pumps. 2032 1,801,471 55.25% - 719,063   22 Lava Pump Station backup generator 2025 105,002 22.29% - 23,449   23 Replace Dinnch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10-i 2026 1,123,948 22.29% - 213,541   25 Install 800 feet of 12-inch pipe on Finwood St. 2027 554,264 22.29% - 169,054   26 Replace 4-inch pipe on Flawel Dr. 2027 759,354 22.29% - 169,254   27 Install 800 feet of 12-inch pipe on Sind Ave. Replace 6-inch pipe with 600 fee 2027 759,354 2.29% - 169,254   28 Replace 4-inch pipe with 260 feet of 8-inch pipe on Unix St. Install 380 feet of 2025 273,309 0.00% - -   30 Replace 16-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4.6 incl 2021 19,37,03 22.29% - 431,746   31 Replace 16-inch pipe with 300 feet of 16-inch pipe on Adams St. Replace 6-incl 2028 1,077,239 0.00% - -   38 Replace 6-inch pipe with 300 feet of 16-inch pipe on Syarrow St. Replace 10-2029 1,263,674	20	Replace the 3rd Zone PS with two 2,000 gpm pumps	2027	- 2	1,301,471	40.43%			526,120
22 Lava Pump Station backup generator 202 105,202 22.29% - 23,449   23 Replace 10-inch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10-ii 2026 1,129,948 22.29% - 251,856   24 Install 1470 feet of 12-inch pipe on Flavel Dr. 2027 354,264 22.29% - 123,641   25 Install 800 feet of 12-inch pipe on Flavel Dr. 2027 303,677 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% - -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 169,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of 2025 273,309 0.00% - -   30 Replace 6-inch pipe with 360 feet of 8-inch pipe on Dake St. Replace 4, 6-inc 2031 310,943 0.00% - -   31 Replace 16-inch transmission main from the Concrete Reservoir to 20ne 2 wi 2028 1,937,023 22.29% - 416,504   32 Replace 16-inch pipe with 350 feet of 8-inch pipe on Oak St. Replace 10-2029 1	21	Replace the W6 PS with two 2,000 gpm pumps.	2032		1,301,471	55.25%	-		719,063
23 Replace 10-inch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10-ii 2026 1,129,948 22.29% - 251,856   24 Install 1470 feet of 12-inch pipe on Finwood St. 2027 554,264 22.29% - 123,541   25 Install 800 feet of 12-inch pipe on Finwood St. 2027 303,677 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% - -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 169,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Dtak St. Install 380 feet of 2025 273,309 0.00% - -   30 Replace 6-inch pipe with 360 feet of 8-inch pipe on Dtak St. Replace 4-inch 2027 260,077 0.00% - -   31 Replace 6-inch pipe with 360 feet of 8-inch pipe on Adams St. Replace 4-inch 2028 1,077,239 0.00% - -   33 Replace 6-inch pipe with 300 feet of 12-inch pipe on Adams St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe on 30th Ave. 2032	22	Lava Pump Station backup generator	2025		105,202	22.29%	-		23,449
24 Install 1470 feet of 12-inch pipe on Firwood St. 2027 554,264 22.29% - 123,541   25 Install 800 feet of 12-inch pipe on Flavel Dr. 2027 303,677 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% - -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 168,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of 2025 273,309 0.00% - -   29 Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4-inch 2027 260,077 0.00% - -   31 Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 6-inch 2021 310,943 0.00% - -   32 Replace 6-inch pipe with 300 feet of 16-inch pipe on Oak St. Replace 6-inch 2028 1,077,239 0.00% - -   33 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% 416,504   35 Install 450 feet of 8-inch pipe on 31st Ave. 2032 47,612	23	Replace 10-inch pipe with 650 feet of 12-inch pipe on Main St. Replace 6,10	11 2026		1,129,948	22.29%			251,856
25 Install 800 feet of 12-inch pipe on Flavel Dr. 2027 303,677 22.29% - 67,687   26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% - -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 169,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of 5 2025 273,309 0.00% - -   30 Replace 4-inch pipe with 260 feet of 8-inch pipe on Drake St. Replace 4-inch 2027 260,077 0.00% - -   31 Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4-inch 2027 20,00% - -   31 Replace 6-inch pipe with 300 feet of 16-inch pipe on Drake St. Replace 6-inch 2028 1,077,239 0.00% - -   33 Replace 6-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 416,504   34 Replace 4-inch pipe with 300 feet of 8-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe on 30th Ave. 2032 47,61	24	Install 1470 feet of 12-inch pipe on Firwood St.	2027		554,264	22.29%	-		123,541
26 Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct. 2028 136,112 0.00% -   27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 169,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of 52025 273,309 0.00% - -   29 Replace 4-inch pipe with 260 feet of 8-inch pipe on Take St. Replace 4-inch 2027 260,077 0.00% - -   31 Replace 6-inch pipe with 360 feet of 8-inch pipe on Take St. Replace 4-inch 2028 1,937,023 22.29% - 431,746   32 Replace 6-inch pipe with 1500 feet of 16-inch pipe on Oak St. Replace 6-incl 2028 1,077,239 0.00% - -   31 Replace 6-inch pipe with 300 feet of 12-inch pipe on Sparrow St. Replace 10:229 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe on 30th Ave. 2024 123,369 0.00% - -   38 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave.	25	Install 800 feet of 12-inch pipe on Flavel Dr.	2027		303,677	22.29%	-		67,687
27 Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fee 2027 759,354 22.29% - 169,254   28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of £ 2025 273,309 0.00% - -   29 Replace 4-inch pipe with 260 feet of 8-inch pipe on Drake St. Replace 4-inch 2027 260,077 0.00% - -   30 Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4-inch 2028 1,937,023 22.29% - 431,746   31 Replace 6-inch pipe with 350 feet of 8-inch pipe on Adams St. Replace 6-inch 2028 1,077,239 0.00% - -   33 Replace 10-inch pipe with 300 feet of 16-inch pipe on Oak St. Replace 6-inch p 2027 1,868,642 22.29% - 416,504   34 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10 2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   36 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31th Ave. 2032 47,612 0.00% - -   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31th Ave. </td <td>26</td> <td>Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct.</td> <td>2028</td> <td></td> <td>136,112</td> <td>0.00%</td> <td>-</td> <td></td> <td></td>	26	Replace 4-inch pipe with 500 feet of 8-inch pipe on Winworth Ct.	2028		136,112	0.00%	-		
28 Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of 8 2025 273,309 0.00% -   29 Replace 4-inch pipe with 260 feet of 8-inch pipe on Drake St. Replace 4-inch 2027 260,077 0.00% -   30 Replace 16-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4, 6-inc 2031 310,943 0.00% -   31 Replace 16-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 6-incl 2028 1,937,023 22.29% - 431,746   32 Replace 6-inch pipe with 1550 feet of 8-inch pipe on Adams St. Replace 6-incl 2028 1,077,239 0.00% - -   33 Replace 6-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10- 2029 1,263,674 22.29% - 416,504   34 Replace 4-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10- 2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   36 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% - -   37 Replace 4-inch pipe with 300 feet of 8-inch pipe on 41st Ct. 2032 28,969 0.	27	Install 750 feet of 12-inch pipe on 23rd Ave. Replace 6-inch pipe with 600 fe	e 2027		759,354	22.29%	-		169,254
29 Replace 4-inch pipe with 260 feet of 8-inch pipe on 44th Ave. Replace 4-inch 2027 260,077 0.00% - -   30 Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4, 6-inc 2031 310,943 0.00% - -   31 Replace 16-inch transmission main from the Concrete Reservoir to Zone 2 wi 2028 1,937,023 22.29% - 431,746   32 Replace 6-inch pipe with 1550 feet of 8-inch pipe on Adams St. Replace 6-inch 2028 1,077,239 0.00% - -   33 Replace 6-inch pipe with 800 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 416,504   34 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe on Sbarrow St. Replace 10-2029 1,263,674 22.29% - 142,747   36 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 447,612 0.00% - -   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% - -   38 Replace 4-inch pipe with 300 feet of 8-inch pipe on 41st Ct.	28	Replace 4-inch pipe with 240 feet of 8-inch pipe on Elk St. Install 380 feet of	£ 2025		273,309	0.00%	-		-
30 Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4, 6-inc 2031 310,943 0.00% -   31 Replace 16-inch transmission main from the Concrete Reservoir to Zone 2 wi 2028 1,937,023 22.29% - 431,746   32 Replace 6-inch pipe with 1550 feet of 8-inch pipe on Adams St. Replace 6-inch 2028 1,077,239 0.00% - -   33 Replace 6-inch pipe with 300 feet of 16-inch pipe on Oak St. Replace 6-inch 2029 1,263,674 22.29% - 281,662   34 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe between Roswell St and Boyd St. 2024 123,369 0.00% - -   36 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 55th Ave. 2032 47,612 0.00% - -   38 Replace 4-inch pipe with 300 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% - -   39 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 20	29	Replace 4-inch pipe with 260 feet of 8-inch pipe on 44th Ave. Replace 4-inch	h 2027		260,077	0.00%	-		
31 Replace 16-inch transmission main from the Concrete Reservoir to Zone 2 wi 2028 1,937,023 22.29% - 431,746   32 Replace 6-inch pipe with 1550 feet of 8-inch pipe on Adams St. Replace 6-inch 2028 1,077,239 0.00% - -   33 Replace 6-inch pipe with 300 feet of 16-inch pipe on Oak St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe between Roswell St and Boyd St. 2024 123,369 0.00% - -   36 Replace 4-inch pipe with 200 feet of 12-inch pipe on 54th Ave. Install 340 fee 2039-2042 640,432 22.29% - 142,747   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 55th Ave. 2032 82,969 0.00% - -   39 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% - -   41 Install 580 feet of 16-inch pipe on Minthom Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 1660 feet of 12-inch pipe o	30	Replace 6-inch pipe with 360 feet of 8-inch pipe on Drake St. Replace 4, 6-in	c 2031		310,943	0.00%	-		-
32 Replace 6-inch pipe with 1550 feet of 8-inch pipe on Adams St. Replace 6-inch 2028 1,077,239 0.00% -   33 Replace 6-inch pipe with 800 feet of 16-inch pipe on Oak St. Replace 6-inch p 2027 1,868,642 22.29% - 416,504   34 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe between Roswell St and Boyd St. 2024 123,369 0.00% - -   36 Replace 4-inch pipe with 220 feet of 12-inch pipe on 54th Ave. Install 340 fee 2039-2042 640,432 22.29% - 142,747   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 55th Ave. 2032 82,969 0.00% - -   39 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% - -   41 Install 580 feet of 16-inch pipe on Minthom Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave.	31	Replace 16-inch transmission main from the Concrete Reservoir to Zone 2 v	/i: 2028		1,937,023	22.29%	-		431,746
33 Replace 6-inch pipe with 800 feet of 16-inch pipe on Oak St. Replace 6-inch p 2027 1,868,642 22.29% - 416,504   34 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10-2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe between Roswell St and Boyd St. 2024 123,369 0.00% - -   36 Replace 4-inch pipe with 220 feet of 12-inch pipe on 54th Ave. Install 340 fee 2039-2042 640,432 22.29% - 142,747   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   38 Replace 4-inch pipe with 300 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% - -   39 Replace 6-inch pipe with 300 feet of 8-inch pipe on 55th Ave. 2032 82,969 0.00% - -   41 Install 580 feet of 16-inch pipe on Minthom Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-i	32	Replace 6-inch pipe with 1550 feet of 8-inch pipe on Adams St. Replace 6-in	cl 2028		1,077,239	0.00%			
34 Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 10 2029 1,263,674 22.29% - 281,662   35 Install 450 feet of 8-inch pipe between Roswell St and Boyd St. 2024 123,369 0.00% - -   36 Replace 4-inch pipe with 220 feet of 12-inch pipe on 54th Ave. Install 340 fee 2039-2042 640,432 22.29% - 142,747   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   38 Replace 4-inch pipe with 300 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% - -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 31st Ave. 2032 82,969 0.00% - -   40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% - -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6, inch pipe on Llewellyn St. 2033-2038 118,434 0.00% - -   43 Install 440 feet of 8-inch pipe on Ulewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 710 feet	33	Replace 6-inch pipe with 800 feet of 16-inch pipe on Oak St. Replace 6-inch	p 2027		1,868,642	22.29%	2		416,504
35 Install 450 feet of 8-inch pipe between Roswell St and Boyd St. 2024 123,369 0.00% -   36 Replace 4-inch pipe with 220 feet of 12-inch pipe on 54th Ave, Install 340 fee 2039-2042 640,432 22.29% - 142,747   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   38 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% - -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 31st Ave. 2032 82,969 0.00% - -   40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% - -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Ulewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 8-in 2031	34	Replace 10-inch pipe with 300 feet of 16-inch pipe on Sparrow St. Replace 1	0-2029		1.263,674	22.29%			281,662
36 Replace 4-inch pipe with 220 feet of 12-inch pipe on 54th Ave. Install 340 fee 2039-2042 640,432 22.29% - 142,747   37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% - -   38 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% - -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 55th Ave. 2032 82,969 0.00% - -   40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% - -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Liewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-inc 2031 1,473,374 22.29% 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 20	35	Install 450 feet of 8-inch pipe between Roswell St and Boyd St.	2024		123,369	0.00%	2		-
37 Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave. 2032 47,612 0.00% -   38 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 31st Ave. 2032 82,969 0.00% -   40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Liewellyn 5t. 2032-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 54,427 0.00% - -	36	Replace 4-inch pipe with 220 feet of 12-inch pipe on 54th Ave, Install 340 fe	e 2039-2042		640,432	22.29%	-		142,747
38 Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave. 2032 47,612 0.00% -   39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 35th Ave. 2032 82,969 0.00% -   40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Liewellyn 5t. 2032-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% - 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 54,427 0.00% - -	37	Replace 4-inch pipe with 180 feet of 8-inch pipe on 30th Ave.	2032		47.612	0.00%			-
39 Replace 4-inch pipe with 300 feet of 8-inch pipe on 55th Ave. 2032 82,969 0.00% -   40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Ulewellyn 5t. 2032-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% - 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 554,427 0.00% - -	38	Replace 4-inch pipe with 180 feet of 8-inch pipe on 31st Ave.	2032		47,612	0.00%			
40 Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct. 2032 128,900 0.00% -   41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Ulewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% - 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 554,427 0.0% - -	39	Replace 4-inch pipe with 300 feet of 8-inch pipe on 55th Ave.	2032		82,969	0.00%			
41 Install 580 feet of 16-inch pipe on Minthorn Springs. Replace 10, 12-inch pipe 2028 2,366,780 22.29% - 527,535   42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Ulewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% - 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 554,427 0.00% - -	40	Replace 6-inch pipe with 470 feet of 8-inch pipe on 41st Ct.	2032		128,900	0.00%			
42 Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4, 6-inc 2029 848,776 0.00% - -   43 Install 440 feet of 8-inch pipe on Ulewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% - 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 554,427 0.00% - -	41	Install 580 feet of 16-inch pipe on Minthorn Springs, Replace 10, 12-inch pip	e 2028		2.366.780	22.29%			527.535
43 Install 440 feet of 8-inch pipe on Llewellyn St. 2033-2038 118,434 0.00% - -   44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031 1,473,374 22.29% - 328,402   45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 554,427 0.00% - -	47	Replace 6-inch pipe with 250 feet of 8-inch pipe on 47th Ave. Replace 4. 6-inch	nr 2029		848.776	0.00%	-		
44 Replace 6, 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-in 2031   1,473,374   22.29%   -   328,402     45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031   554,427   0.00%   -   -	43	Install 440 feet of 8-inch pipe on Lewellyn St.	2033-2038		118,434	0.00%	0		
45 Replace 6-inch pipe with 710 feet of 8-inch pipe on 30th Ave. Replace 6-inch 2031 554,427 0.00% -	44	Replace 6. 8-inch pipe with 1660 feet of 12-inch pipe on King Rd. Replace 8-	in 2031		1.473 374	22.29%	-		328 402
	45	Replace 6-inch nine with 710 feet of 8-inch nine on 30th Ave. Replace 6-inch	2031		554 427	0.00%	- 2		010,002
		in the second				0.0070			0.000

#### Exhibit 12:

#### Improvement Fee Cost Basis



#### (Improvement Fee Cost Basis – Continued)

#	Description	Timeline	2023 Project Cost	SDC Eligibility	Outside Funding	SDC-Eligible Cost
	ere					
46	Reclass & inch pipe with 430 feet of 13 inch pipe on Concern St. Burling A.	2031	21,040	0.00%		143 747
4/	Replace 6-inch pipe with 420 feet of 22-inch pipe on Grogran St. Replace 4, 6-	2033-2042	90,432	22.29%		142,747
40	Replace 4-inch pipe with 350 feet of 8-inch pipe on 36th Ave.	2033-2038	100 240	0.00%	-	
43	Install 240 feet of 8-inch pipe between 62rd and 64th Ave	2033-2038	190,340	0.00%	<u></u>	
50	Replace 6-inch nine with 430 feet of 8-inch nine on Northridge Dr. Peolace 6	2033-2038	297 724	0.00%		
51	Replace 6-inch pipe with 340 feet of 8-inch pipe on Northfldge Dr. Replace 6-	2033-2042	91 952	0.00%		-
52	Install 380 feet of 8-inch nine between 41ct Ave and 43nd Ave at Meadowere	2033-2038	104.009	0.00%	0	
50	Replace 6 inch nine with 360 feet of 12 inch nine on 33nd Ave	2033-2038	136.004	22 29%		30 314
54	Install 410 feet of 12-inch pipe between Wichita Ct and Woodhawan St	2033-2038	155 255	22.25%	- C	34,605
56	Replace 10-inch pipe with 600 feet of 12-inch pipe on 26th Ave	2039-2042	226 672	22.25%		50 522
57	Install 390 feet of 12-inch pipe from the industrial area to Railroad Ave	2033-2038	149 422	22.25%	-	33,082
58	Replace 6-inch nine with 630 feet of 8-inch nine on 30th Ave. Replace 6-inch	2039-2042	363,490	0.00%	0	35,062
50	Replace 6-inch pipe with 550 feet of 8-inch pipe on 30th Ave. Replace 6-inch	2039-2042	240 284	0.00%		
60	Install 352 feet of 8-inch pipe at Quail Bidge Anartments	2033-2038	96 049	0.00%	0	
61	Replace 12-inch pipe with 1280 feet of 12-inch pipe on Hanna Hanvester Dr	2039-2042	482 846	22 29%		107 622
62	Replace 4-inch pipe with 240 feet of 8-inch pipe on Waymire St.	2039-2042	65 290	0.00%	-	107,022
63	Replace 6-inch pipe with 350 feet of 8-inch pipe on Oxford Ln.	2039-2042	95.712	0.00%	2	
64	Install 310 feet of 8-inch pipe between Brookside Apartments and Brookside	2039-2042	84,650	0.00%	-	
65	Install 500 feet of 8-inch pipe on Se Furnberg St.	2039-2042	136.112	0.00%	0	
66	Replace 8-inch pipe with 90 feet of 12-inch pipe on McLoughlin Rivd. Replace	2039-2042	48,751	22.29%	2	10.866
67	Replace 6-inch pipe with 410 feet of 8-inch pipe on 41st Ave.	2039-2042	111.222	0.00%	-	
68	Replace 6-inch pipe with 350 feet of 8-inch pipe on 29th Ave.	2033-2038	95,712	0.00%	2	
69	Install 800 feet of 12-inch pipe on Stanley Place.	2033-2038	303,677	22.29%		67,687
70	Install 850 feet of 12-inch pipe between Riverway Ln and 17th Ave.	2039-2042	320,758	22.29%		71,494
71	Install 960 feet of 12-inch pipe on Monroe St.	2039-2042	363,761	22.29%	1	81.079
72	Replace 6-inch pipe with 460 feet of 8-inch pipe on White Lake Rd.	2039-2042	125,050	0.00%	-	-
73	Install 570 feet of 12-inch pipe on Clackamas Hwy.	2039-2042	215,339	22.29%	2	47,997
74	Replace 8-inch pipe with 550 feet of 12-inch pipe on Frontage Ave. Replace 8	2039-2042	286,758	22.29%	-	63,916
75	Replace 8-inch pipe with 255 feet of 12-inch pipe on 23rd Ave. Replace 6-inch	2039-2042	293,834	22.29%	-	65,493
76	Install 380 feet of 8-inch pipe on 21st Ave to Main St.	2039-2042	104,009	0.00%		
77	Install 340 feet of 8-inch pipe on 56th Ave to Beckman Ave.	2039-2042	91,862	0.00%	-	
78	Install 330 feet of 12-inch pipe on Deering Ct to Linwood Ave.	2039-2042	124,670	22.29%	2	27,788
79	Install 450 feet of 12-inch pipe on 60th Ave to Linwood Ave.	2039-2042	170,005	22.29%	10	37,893
80	Logus Road & 40th improvements	2023	284,155	0.00%	-	-
81	Milwaukie/El Puente SRTS improvements	2023	314,522	0.00%	2	-
82	Ardenwald South improvements	2024	902,353	0.00%		
83	Waverley South improvements	2023	124,724	0.00%		
84	International Way improvements	2024	300,423	0.00%		
85	Monroe Street extension	2024	348,144	0.00%		
86	Stanley Street extension	2024	95,441	0.00%	2	-
87	SAFE & SSMP FY 2025 improvements	2025	1,223,383	0.00%	1	-
88	Oatfield Rd & Shell Lane improvements	2026	108,456	0.00%	2	-
89	SCADA Implementation and Support	2024-2042	488,052	22.29%		108,783
90	Ongoing automation and control upgrades	2023-2042	1,084,559	22.29%		241,739
91	Update existing Water System Plan.	2029	271,140	22.29%	-	60,435
92	Long-term Climate Change Vulnerabilities and Alternatives Study. Develop of	2026	216,912	22.29%	1	48,348
93	Perform system wide seismic evaluation.	2029	325,368	22.29%	2	72,522
94	Planning and securing of additional water rights	2025-2028	108,456	22.29%	-	24,174
95	Revised Lead and Copper Rule Compliance Study	2023	135,570	0.00%	-	-
		Total:	\$ 49 962 874	\$	2 895 774	\$ 11,635,069

Source: 2021 Water System Master Plan, City staff