# **Executive Summary**

- PSWID will need additional revenue through FY27 to cover operating costs, debt, reserves, and proposed capital improvements
- The analysis identifies that a 6.3% average adjustment in rates will be needed in FY23
- The analysis recommends consideration of a rate structure based on meter size (Option 3)





#### **PSWID Rate Study Discussion**

January 13, 2022

#### **Karl Pennock**

Rural Development Specialist Rural Community Assistance Corporation (RCAC)

kpennock@rcac.org

575-932-8222





#### **Rural Community Assistance Partnership, Inc.**

#### Western

Rural Community Assistance Corporation 916/447-2854 www.rcac.org

#### **Midwest**

Midwest Assistance Program 952/758-4334 www.map-inc.org

#### Southern

Communities Unlimited 479/443-2700 www.crg.org

Northeast RCAP Solutions

800/488-1969 www.rcapsolutions.org

#### **Great Lakes**

WSOS Community Action Commission 800/775-9767 www.glrcap.org

#### Southeast

Southeast Rural Community Assistance Project 866/928-3731 www.southeastrcap.org



800/321-7227 www.rcap.org



## System/Community Profile

- Aging system with significant water loss
- Moratorium on new connections
- 3221 active connections (3153 residential, 67 commercial, 2974 with 5/8" meters)
- Numerous projects with approved funding



# **Current Projects**

PSWID USDA CIP PROGRAM FY21 THRU FY26 PROJECT NAME	Approved Project Budget
Portals 1, 2 & 3 Waterline Replacement	\$5,518,758.00
Whispering Pines Waterline Replacement	\$421,083.00
<b>Cool Pines Phase A Waterline Replacement</b>	\$805,064.00
Woodland Heights Phase B &C Waterline Replacement-Combined	\$2,948,415.00
Pine Mountain Acres/Pinion Waterline Replacement	\$234,456.00
White Oak/Cedar Meadows Waterline Replacement	\$450,156.00
System Wide Scada	\$549,000.00
System Wide Water Model	\$300,000.00
Strawberry Ranch PZ Deep Well	\$1,959,571.00



#### **Purpose and Scope of This Rate Analysis**

- Adequate revenue to meet current and projected needs including operations, debt payments, and reserves
- Evaluation of rate structure based on meter size
- Present three rate options with a recommendation identified



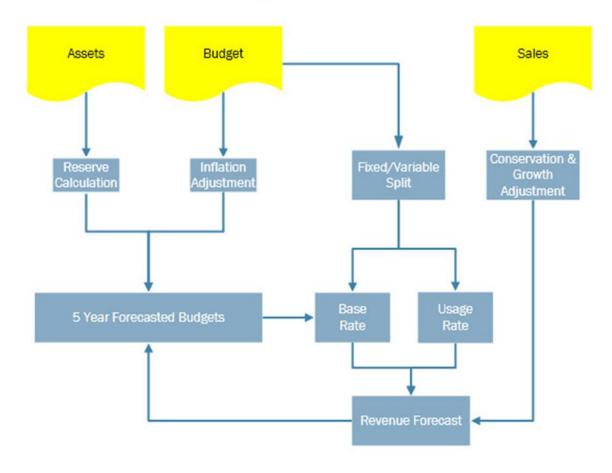
### **Rate Study Considerations**

- Fair, justifiable, easy to implement
- 5- to 6-year horizon with annual review
- Provides adequate revenue including funding for key reserves



# Methodology

#### Rate Setting with Water Meters





#### **Meter Size Analysis**



### Rate Structure Based on Meter Size

- Fixed costs comprise ~90% of system's overall expenses
- Analysis indicates imbalance in current fixed rate based on meter size (capacity demand)



### **Meter Size Analysis**

Meter Size (inches)	Number of Meters	AWWA Safe Maximum Operatring Cap. (GPM)	Max Demand (GPM)	% of Max Demand by Meter Size	Total Fixed Costs Allocated by Meter Size	Theoretical Monthly Base Rate by Meter Size	Recommended Monthly Base Rate at this % of Theor. Value:	Current Base
A	С	D	E=D*C	F = % of Total	G = % * Total	H=G/C/12	59.55%	Res/Comm
5/8"	2,974	20	59,478	86.50%	3,107,855.76	\$ 87.09	\$ 51.86	\$51/\$68.5
3/4"	219	30	6,563	9.54%	342,903.08	\$ 130.63	\$ 77.79	\$51/\$68.5
1"	10	50	504	0.73%	26,343.66	\$ 217.72	\$ 129.64	\$66.66/\$118.5
1 1/2"	12	100	1,242	1.81%	64,879.44	\$ 435.43	\$ 259.28	\$118.5/\$158.5
2"	6	160	973	1.42%	50,858.51	\$ 696.69	\$ 414.85	\$158.5/\$218.5
Total	3221		68,760	100%	3,592,840.45			



### **Advantages/Disadvantages**

- Advantage: Uniform base rate tied to capacity demand (fair and justifiable)
- Advantage: Streamlines rate codes
- Advantage: Generally benefits residential customers with smaller meter sizes
- Disadvantage: May result in large adjustments in charge for customers with larger meter sizes



### **Rate Options**





**Option 1:** No change in water system rates through FY27

**Option 2:** Uniform 6.3% adjustment in water system base rate and usage charges in FY23 followed by 3% annual adjustments to both base and usage charges thereafter through FY27

**Option 3 (Recommended):** 6.3% average overall increase based on meter equivalency followed by 3% annual adjustments to both base and usage charges thereafter through FY27



#### **Current Rates**



Board Approved Proposed Water Rate Schedule For 7/1/2021 through 6/30/2022

**Residential Base Fees** 

Meter Size	5/8"	3/4*	1°	1.2%	2*	3*	4*
Monthly Base Fee	\$51.00	\$51.00	\$66.66	\$118.50	\$143.50	+	5 - SA

#### **Commercial Base Fees**

Motor Size	5/8"	3/4*	1"	1.36	2"	3"	4*
Monthly Base Fee	\$68.50	\$68.50	\$118.50	\$158.50	\$218.50	\$248.50	\$468.50

Water Usage Rate Tiers

Usage Tier	Tier 1	Tier 2	Tier 8	Tier 4
Water Usage per billing period	1 to 3,000 gallons	3,001 to 5,000 gallons	5,001 to 10,000 gailons	10,001 to unlimited gallons
Rate per 1,000 gallons	\$1.75	\$7.00	\$10.00	\$15.00



# **Option 1: No Change in Rates**

	Pine	-Strawberry	y W	ater Improv	/em	ent District	: (C	Option 1: No	) Cl	hange in Ra	tes	)		
		FY20		FY21		FY22		FY23		FY24		FY25	FY26	FY27
Operating Revenue														
Customer Sales	\$	2,096,649.81	\$	2,312,382.69	\$	2,530,541.72	\$	2,530,541.72	\$	2,530,541.72	\$	2,555,847.14	\$ 2,581,405.61	\$ 2,607,219.66
Property Tax Levies	\$	801,369.54	\$	833,485.54	\$	883,048.88	\$	918,370.84	\$	964,656.73	\$	1,013,275.42	\$ 1,064,344.51	\$ 1,117,987.47
Miscellaneous Revenues	\$	84,955.16	\$	90,604.03	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$ 105,000.00	\$ 105,000.00
Total Operating Revenue	\$	2,982,974.51	\$	3,236,472.26	\$	3,518,590.60	\$	3,553,912.56	\$	3,600,198.45	\$	3,674,122.56	\$ 3,750,750.11	\$ 3,830,207.13
Additional Revenue from Rate Adjustments					\$	-	\$	-	\$	-	\$	-	\$ -	\$ -
Adjusted Total Revenue	\$	2,982,974.51	\$	3,236,472.26	\$	3,518,590.60	\$	3,553,912.56	\$	3,600,198.45	\$	3,674,122.56	\$ 3,750,750.11	\$ 3,830,207.13
Operating & Administrative Expenses														
Operations	\$	505,931.24	\$	576,193.50	\$	550,000.00	\$	566,500.00	\$	583,495.00	\$	600,999.85	\$ 619,029.85	\$ 637,600.74
Field Labor & Burden	\$	358,352.58	\$	362,219.88		500,000.00	\$	515,000.00	\$	530,450.00	\$	546,363.50	\$ 562,754.41	\$ 579,637.04
Administrative	\$	454,740.63	\$	511,719.77	\$	510,000.00	\$	525,300.00	\$	541,059.00	\$	557,290.77	\$ 574,009.49	\$ 591,229.78
Board of Directors	\$	86,152.84	\$	69,302.96	\$	72,000.00	\$	74,160.00	\$	76,384.80	\$	78,676.34	\$ 81,036.63	\$ 83,467.73
Infrastructure Repairs	\$	-	\$	-	\$	140,000.00	\$	144,200.00	\$	148,526.00	\$	152,981.78	\$ 157,571.23	\$ 162,298.37
Equipment Replacement	\$	-	\$	-	\$	100,000.00	\$	103,000.00	\$	106,090.00	\$	109,272.70	\$ 112,550.88	\$ 115,927.41
Depreciation Expense	\$	413,865.51	\$	567,960.80										
Total Operating & Admin Expense	\$	1,819,042.80	\$	2,087,396.91	\$	1,872,000.00	\$	1,928,160.00	\$	1,986,004.80	\$	2,045,584.94	\$ 2,106,952.49	\$ 2,170,161.07
Additional Operating Expenses (Proposed Improvements)														
Debt Payments (Principal & Interest)	\$	275,820.70	\$	275,820.70	\$	827,615.52	\$	673,598.00	\$	974,955.10	\$	1,120,717.76	\$ 1,144,217.76	\$ 1,462,546.00
Non Operating Revenue	\$	(40,800.53)	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$ -
Total Adjustments	\$	235,020.17	\$	275,820.70	\$	827,615.52	\$	673,598.00	\$	974,955.10	\$	1,120,717.76	\$ 1,144,217.76	\$ 1,462,546.00
Net System Revenue	\$	1,398,951.88	\$	1,424,896.05	\$	818,975.08	\$	952,154.56	\$	639,238.55	\$	507,819.86	\$ 499,579.86	\$ 197,500.07
Plus: Beginning Cash Posiiton			\$	-	\$	-	\$	85,185.28	\$	280,355.45	\$	121,543.37	\$ (168,421.55)	\$ (466,475.10)
Net Position Before Reserves					\$	818,975.08	\$	1,037,339.84	\$	919,594.00	\$	629,363.23	\$ 331,158.31	\$ (268,975.03)
Reserves														
Debt Reserve					\$	100,970.36	\$	106,377.56	\$	98,230.75	\$	47,745.57	\$ 47,594.20	\$ 78,253.03
Operating Reserve					\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66	\$ 42,422.66	\$ 42,422.66
Emergency Reserve														
Capital Reserve					\$	590,396.77	\$	608,184.17	\$	657,397.21	\$	707,616.55	\$ 707,616.55	\$ 707,616.55
Total Reserves	\$	-	\$	-	\$	733,789.80	\$	756,984.39	-	798,050.63	-	797,784.78	-	\$ 828,292.24
Net Position After Reserves	\$	-	\$	-	\$	85,185.28	\$	280,355.45		-	\$	(168,421.55)	\$ (466,475.10)	\$ (1,097,267.27)
Debt Coverage Ratio						177.3%		208.4%		150.4%		139.4%	137.9%	107.7%



# **Option 2: Uniform Adjustment in Rates**

Pine-Strawberry Water Improvement	Distr	ict (Option	2:	6.3% Unifo	rm	Adjustment	s to	Base and	Usa	age in FY23	wi	th 3% Annua	al A	djustments	Th	ereafter)
		FY20		FY21		FY22		FY23		FY24		FY25		FY26		FY27
Operating Revenue																
Customer Sales	\$	2,124,017.00	\$	2,312,382.69	\$	2,530,541.72	\$	2,530,541.72	\$	2,689,965.85	\$	2,798,371.47	\$	2,911,145.84	\$	3,028,465.02
Property Tax Levies	\$	801,369.54	\$	833,485.54	\$	883,048.88	\$	918,370.84	\$	964,656.73	\$	1,013,275.42	\$	1,064,344.51	\$	1,117,987.47
Miscellaneous Revenues	\$	84,955.16	\$	90,604.03	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00
Total Operating Revenue	\$	3,010,341.70	\$	3,236,472.26	\$	3,518,590.60	\$	3,553,912.56	\$	3,759,622.57	\$	3,916,646.90	\$	4,080,490.35	\$	4,251,452.49
Additional Revenue from Rate Adjustments					\$	-	\$	159,424.13	\$	80,698.98	\$	83,951.14	\$	87,334.38	\$	90,853.95
Adjusted Total Revenue	\$	3,010,341.70	\$	3,236,472.26	\$	3,518,590.60	\$	3,713,336.68	\$	3,840,321.55	\$	4,000,598.04	\$	4,167,824.72	\$	4,342,306.44
Operating & Administrative Expenses																
Operations	\$	505,931.24	\$	576,193.50	\$	550,000.00	\$	566,500.00	\$	583,495.00	\$	600,999.85	\$	619,029.85	\$	637,600.74
Field Labor & Burden	\$	358,352.58	\$	362,219.88	\$	500,000.00	\$	515,000.00	\$	530,450.00	\$	546,363.50	\$	562,754.41	\$	579,637.04
Administrative	\$	454,740.63	\$	511,719.77	\$	510,000.00	\$	525,300.00	\$	541,059.00	\$	557,290.77	\$	574,009.49	\$	591,229.78
Board of Directors	\$	86,152.84	\$	69,302.96	\$	72,000.00	\$	74,160.00		76,384.80	\$	78,676.34	\$	81,036.63	\$	83,467.73
Infrastructure Repairs	\$	-	\$	-	\$	140,000.00	\$	144,200.00	\$	148,526.00	\$	152,981.78	\$	157,571.23		162,298.37
Equipment Replacement	\$	-	\$	-	\$	100,000.00	\$	103,000.00	\$	106,090.00	\$	109,272.70	\$	112,550.88	\$	115,927.41
Depreciation Expense	\$	413,865.51	\$	567,960.80												
Total Operating & Admin Expense	\$	1,819,042.80	\$	2,087,396.91	\$	1,872,000.00	\$	1,928,160.00	\$	1,986,004.80	\$	2,045,584.94	\$	2,106,952.49	\$	2,170,161.07
Additional Operating Expenses (Proposed Improvements)																
Debt Payments (Principal & Interest)	\$	275,820.70	\$	275,820.70	\$	827,615.52	\$	673,598.00	\$	974,955.10	\$	1,120,717.76	\$	1,144,217.76	\$	1,462,546.00
Non Operating Revenue	\$	(40,800.53)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total Adjustments	\$	235,020.17	\$	275,820.70	\$	827,615.52	\$	673,598.00	\$	974,955.10	\$	1,120,717.76	\$	1,144,217.76	\$	1,462,546.00
Net System Revenue	\$	1,426,319.07	\$	1,424,896.05	\$	818,975.08	\$	1,111,578.68	\$	879,361.65	\$	834,295.34	\$	916,654.47	\$	709,599.37
Plus: Beginning Cash Posiiton			\$	-	\$	-	\$	85,185.28	\$	439,779.58	\$	521,090.60	\$	557,601.16	\$	676,622.22
Net Position Before Reserves					\$	818,975.08	\$	1,196,763.97	\$	1,319,141.23	\$	1,355,385.94	\$	1,474,255.63	\$	1,386,221.59
Reserves																
Debt Reserve					\$	100,970.36	\$	106,377.56	\$	98,230.75	\$	47,745.57	\$	47,594.20	\$	78,253.03
Operating Reserve					\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66
Emergency Reserve					\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Capital Reserve			1		\$	590,396.77	\$	608,184.17	\$	657,397.21	\$	707,616.55	\$	707,616.55	\$	707,616.55
Total Reserves	\$	-	\$	-	\$	,	\$	756,984.39	· ·	798,050.63	· ·	,	\$	,	\$	828,292.24
Net Position After Reserves	\$	-	\$	-	\$	85,185.28	\$	439,779.58		521,090.60		557,601.16	\$	676,622.22	\$	557,929.35
Debt Coverage Ratio						177.3%		228.9%		172.8%		167.3%		172.9%		141.0%



#### **Option 3 (Recommended): Meter Equivalency Adjustment**

Pine-Strawberry Water Improvement Dis	strict	(Option 3: 6	.3%	Average Adju	stm	ent in FY23 Ba	ase	d on Meter Eq	uiva	alency Analysi	s w	ith 3% Uniform	۱ Ad	ljustments The	ereaf	ter)
		FY20		FY21		FY22		FY23		FY24		FY25		FY26		FY27
Operating Revenue																
Customer Sales	\$	2,124,017.00	\$	2,312,382.69	\$	2,530,541.72	\$	2,530,541.72	\$	2,689,965.85	\$	2,798,371.47	\$	2,911,145.84	\$	3,028,465.02
Property Tax Levies	\$	801,369.54	\$	833,485.54	\$	883,048.88	\$	918,370.84	\$	964,656.73	\$	1,013,275.42	\$	1,064,344.51	\$	1,117,987.47
Miscellaneous Revenues	\$	84,955.16	\$	90,604.03	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00	\$	105,000.00
Total Operating Revenue	\$	3,010,341.70	\$	3,236,472.26	\$	3,518,590.60	\$	3,553,912.56		3,759,622.57		3,916,646.90		1,000) 150105	\$	4,251,452.49
Additional Revenue from Rate Adjustments					\$	-	\$	159,424.13	\$	80,698.98	\$	83,951.14	\$	87,334.38	\$	90,853.95
Adjusted Total Revenue	\$	3,010,341.70	\$	3,236,472.26	\$	3,518,590.60	\$	3,713,336.68	\$	3,840,321.55	\$	4,000,598.04	\$	4,167,824.72	\$	4,342,306.44
Operating & Administrative Expenses																
Operations	\$	505,931.24	\$	576,193.50	\$	550,000.00	\$	566,500.00	\$	583,495.00	\$	600,999.85	\$	619,029.85	\$	637,600.74
Field Labor & Burden	\$	358,352.58	\$	362,219.88	\$	500,000.00	\$	515,000.00	\$	530,450.00	\$	546,363.50	\$	562,754.41	\$	579,637.04
Administrative	\$	454,740.63	\$	511,719.77	\$	510,000.00	\$	525,300.00	\$	541,059.00	\$	557,290.77	\$	574,009.49	\$	591,229.78
Board of Directors	\$	86,152.84	\$	69,302.96	\$	72,000.00	\$	74,160.00	\$	76,384.80	\$	78,676.34	\$	81,036.63	\$	83,467.73
Capital Projects/Repair	\$	-	\$	-												
Infrastructure Repairs	\$	-	\$	-	\$	140,000.00	\$	144,200.00	\$	148,526.00	\$	152,981.78	\$	157,571.23	\$	162,298.37
Equipment Replacement	\$	-	\$	-	\$	100,000.00	\$	103,000.00	\$	106,090.00	\$	109,272.70	\$	112,550.88	\$	115,927.41
Depreciation Expense	\$	413,865.51	\$	567,960.80												
Total Operating & Admin Expense	\$	1,819,042.80	\$	2,087,396.91	\$	1,872,000.00	\$	1,928,160.00	\$	1,986,004.80	\$	2,045,584.94	\$	2,106,952.49	\$	2,170,161.07
Additional Operating Expenses (Proposed Improvements)																
Debt Payments (Principal & Interest)	\$	275,820.70	\$	275,820.70	\$	827,615.52	\$	673,598.00	\$	974,955.10	\$	1,120,717.76	\$	1,144,217.76	\$	1,462,546.00
Non Operating Revenue	\$	(40,800.53)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total Adjustments	\$	235,020.17	\$	275,820.70	\$	827,615.52	\$	673,598.00	\$	974,955.10	\$	1,120,717.76	\$	1,144,217.76	\$	1,462,546.00
Net System Revenue	\$	1,426,319.07	\$	1,424,896.05	\$	818,975.08	\$	1,111,578.68		879,361.65	\$	834,295.34	\$	916,654.47	\$	709,599.37
Plus: Beginning Cash Posiiton			\$	-	\$	-	\$	85,185.28	\$	439,779.58	\$	521,090.60	\$	557,601.16	\$	676,622.22
Net Position Before Reserves					\$	818,975.08	\$	1,196,763.97	\$	1,319,141.23	\$	1,355,385.94	\$	1,474,255.63	\$	1,386,221.59
Reserves																
Debt Reserve					\$	100,970.36	\$	106,377.56	\$	98,230.75	\$	47,745.57	\$	47,594.20	\$	78,253.03
Operating Reserve					\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66	\$	42,422.66
Emergency Reserve					\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Capital Reserve					\$	590,396.77	\$	608,184.17	\$	657,397.21	\$	707,616.55	\$	707,616.55	\$	707,616.55
Total Reserves	\$	-	\$	-	\$	733,789.80	\$	756,984.39	\$	798,050.63	\$	797,784.78	\$	797,633.41	\$	828,292.24
Net Position After Reserves	\$	-	\$	-	\$	85,185.28	\$	439,779.58		521,090.60	\$	557,601.16	\$	676,622.22	\$	557,929.35
Debt Coverage Ratio						177.3%	_	228.9%	_	172.8%	_	167.3%		172.9%		141.0%



# **Summary of Options**

Option	Projected Outcome	Details (FY22/FY27)
#1: No change in rates	Deteriorating fiscal position	Net Position Before Reserves = 0.819M/-\$0.269M Net Position After Reserves = 0.085M/-1.097M Projected Debt Coverage Ratio = 177.3%/107.7%
<ul> <li>#2: Uniform</li> <li>adjustment in base</li> <li>and usage (6.3% in</li> <li>FY23) + 3% annual</li> <li>increase through FY27</li> </ul>	Stable fiscal position meeting system revenue needs	Net Position Before Reserves = 0.819M/1.386M Net Position After Reserves = 0.085M/0.558MProjected Debt Coverage Ratio = 177.3%/141.0%
<ul> <li>#3: Meter</li> <li>Equivalency</li> <li>Adjustment (6.3%</li> <li>average increase in</li> <li>FY23) + 3% annual</li> <li>increase through FY27</li> </ul>	Stable fiscal position meeting system revenue needs	Net Position Before Reserves = 0.819M/1.386M Net Position After Reserves = 0.085M/0.558M Projected Debt Coverage Ratio = 177.3%/141.0%

## **Key Assumptions**

- 3% annual adjustment in operating costs
   1% annual growth in system connections begins
  - 1% annual growth in system connections beginning in FY24
  - No change in per capita water consumption

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- No additional operating costs with new projects
- 4% annual increase in property tax revenue
- Rate adjustments made at the beginning of each fiscal year



# **Residential Rate Impact (5/8" Meters)**

#### Residential (5/8" meter): 2924 Connections

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)	Town of Payson (7688 connections)
Base Charge (No Usage)	\$51.00	\$54.21	\$51.86	\$45.86
3,000	\$56.58	\$59.79	\$57.44	\$52.05
5,000	\$71.46	\$74.68	\$72.32	\$64.43
10,000	\$124.61	\$127.83	\$125.47	\$105.23
20,000	\$284.06	\$287.28	\$284.92	\$198.63
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Base Charge up to 2K (\$45.86) + up to 5K (\$6.19/1000) + up to 10K (\$8.16/1000) + up to 20K (\$9.34/1000) + \$11.67per thousand gallons thereafter.
Affordability at 3K gals. Monthly Usage (MH = \$38,459)	1.77%	1.87%	1.79%	NA



### Recommendations

- Option #3 [Recommended Rate Option]
- Review rates at least annually
- Review and update related fees (e.g., impact fees, late fees, reconnection fees, etc.)
- Investigate water and energy usage



# **Going Forward**

- Update and share updated analysis at next public meeting incorporating input
- Provide updated analysis at next public meeting (01/27/22)
- Vote to adopt rate study (2/25/22)



#### Questions





#### **Residential (5/8" meter): 2924 Connections**

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$51.00	\$54.21	\$51.86
3,000	\$56.58	\$59.79	\$57.44
5,000	\$71.46	\$74.68	\$72.32
10,000	\$124.61	\$127.83	\$125.47
20,000	\$284.06	\$287.28	\$284.92
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### Residential (3/4" meter): 218 Connections

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$51.00	\$54.21	\$77.79
3,000	\$56.58	\$59.79	\$83.37
5,000	\$71.46	\$74.68	\$98.25
10,000	\$124.61	\$127.83	\$151.40
20,000	\$284.06	\$287.28	\$310.85
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### **Residential (1" meter): No Connections**

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$66.66	\$70.86	\$129.64
3,000	\$72.24	\$76.44	\$135.22
5,000	\$87.12	\$91.32	\$150.10
10,000	\$140.27	\$144.47	\$203.25
20,000	\$299.72	\$303.92	\$362.70
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### **Residential (1.5" meter): 12 Connections**

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$118.50	\$125.97	\$259.28
3,000	\$124.08	\$131.55	\$264.86
5,000	\$138.96	\$146.43	\$279.75
10,000	\$192.11	\$199.58	\$332.90
20,000	\$351.56	\$359.03	\$492.35
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### Commercial (5/8" meter): 50 Connections

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$68.50	\$72.82	\$51.86
3,000	\$74.08	\$78.40	\$57.44
5,000	\$88.96	\$93.28	\$72.32
10,000	\$142.11	\$146.43	\$125.47
20,000	\$301.56	\$305.88	\$284.92
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### Commercial (3/4" meter): 1 Connection

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$68.50	\$72.82	\$77.79
3,000	\$74.08	\$78.40	\$83.37
5,000	\$88.96	\$93.28	\$98.25
10,000	\$142.11	\$146.43	\$151.40
20,000	\$301.56	\$305.88	\$310.85
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### Commercial (1.0" meter): 10 Connections

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$118.50	\$125.97	\$129.64
3,000	\$124.08	\$131.55	\$135.22
5,000	\$138.96	\$146.43	\$150.10
10,000	\$192.11	\$199.58	\$203.25
20,000	\$351.56	\$359.03	\$362.70
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### Commercial (1.5" meter): No Connections

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$158.50	\$168.49	\$259.28
3,000	\$164.08	\$174.07	\$264.86
5,000	\$178.96	\$188.95	\$279.75
10,000	\$232.11	\$242.10	\$332.90
20,000	\$391.56	\$401.55	\$492.35
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter



#### Commercial (2.0" meter): 6 Connections

Monthly Usage Level (Gallons)	Option 1 (No Change)	Option 2 (Uniform Adjustment)	Option 3 (Meter Equivalent Adjustment)
Base Charge (No Usage)	\$220.50	\$234.39	\$414.85
3,000	\$226.08	\$239.97	\$420.43
5,000	\$240.96	\$254.85	\$435.32
10,000	\$294.11	\$308.00	\$488.47
20,000	\$453.56	\$467.45	\$647.92
Monthly Rates	Base Charge + up to 3K gals (\$1.75/1000) + up to 5K gals (\$7/1000) + up to 10K gals (\$10/1000) + \$15 per thousand gallons thereafter	Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter	Meter Equivalent Base Charge + up to 3K gals (\$1.86/1000) + up to 5K gals (\$7.44/1000) + up to 10K gals (\$10.63/1000) + \$15.95 per thousand gallons thereafter

