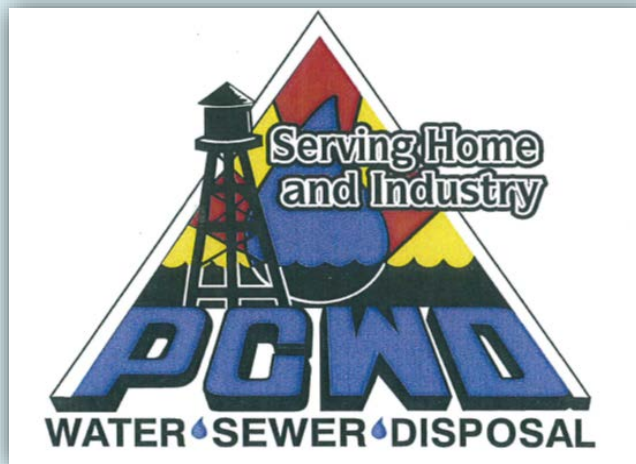


Pinedale County Water District Rate Study 2021



**DRAFT Water Tables
4/27/2021**



BARTLE WELLS ASSOCIATES
Independent Public Finance Advisors

Table 1
Pindale County Water District
Historical & Current Water Rates

Residential Water Rates

	Prop 218 Notice Rates				Current
	1-Jan-13 Rates	1-Jan-14 Rates	1-Jan-15 Rates	1-Jan-16 Rates	
<u>Water Use Base per Month</u>					
When Metered Includes 10 HCF	\$13.80	\$16.60	\$19.90	\$23.90	\$23.84
Flat Rate Per Month (Unmetered)	\$13.80	\$16.60	\$19.90	\$23.90	\$23.84
Consumption Charge Per HCF (Metered)	\$0.48	\$0.58	\$0.69	\$0.83	\$0.84

Commercial Water Rates

<u>Water Use Base per Month</u>					
1" Meter and below	\$13.80	\$16.60	\$19.90	\$23.90	\$23.84
1 1/2" Meter	\$15.60	\$18.70	\$22.50	\$27.00	\$26.95
2" Meter	\$22.80	\$27.30	\$32.80	\$39.40	\$39.39
3" Meter	\$32.40	\$38.90	\$46.70	\$56.05	\$55.98
4" Meter	\$42.00	\$50.40	\$60.40	\$72.40	\$72.57
6" Meter	\$61.20	\$73.50	\$88.20	\$105.90	\$105.74
8" Meter	-	-	-	-	\$119.74
Consumption Charge Per HCF	\$0.48	\$0.58	\$0.69	\$0.83	\$0.84

Landscape Water Rates

<u>Water Use Base per Month</u>					
3/4" to 2" meter	\$10.80	\$12.90	\$15.40	\$18.50	-
Flat Rate Per Month (Unmetered)	\$10.80	\$12.90	\$15.40	\$18.50	\$23.87
Consumption Charge Per HCF	\$0.48	\$0.58	\$0.69	\$0.83	\$0.84

Proposed Institutional (School) Water Rates

School Special per Month (1)	\$32.40	\$38.88	\$46.60	\$55.99	N/A
	\$44.40	\$53.28	\$63.94	\$76.73	N/A
	\$70.80	\$84.96	\$101.95	\$122.34	N/A
	\$124.80	\$149.76	\$179.71	\$215.65	N/A

Fire line Services

Base Rate/Amount- Fire line services are a flat rate monthly charge.

2" Line	N/A	N/A	N/A	N/A	\$12.96
3" Line	N/A	N/A	N/A	N/A	\$13.78
4" Line	N/A	N/A	N/A	N/A	\$14.00
6" Line	N/A	N/A	N/A	N/A	\$19.02
8" Line	N/A	N/A	N/A	N/A	\$24.04
10" Line	N/A	N/A	N/A	N/A	\$24.87

1 Adjusted annually based on study enrollment

Table 2
Pindale County Water District
Fund Balances

<u>Account</u>	<u>Balance As of July 1st, 2020</u>
General Checking	\$406,301
Payroll	\$43,387
Savings	\$1,104,952
Restricted funds	\$279,052
LAIF (also Restricted)	<u>\$471,188</u>
	\$2,304,880
Unrestricted Cash	\$1,554,640
Legal Expense Fund	\$235,000
Total Cash	\$1,319,640

Table 3A
Pinedale County Water District
Water Meter CIP Plan

Project Name & Description	Totals
<u>Water Meter Project</u>	
1. 8" Water Main & Appurtenances	\$901,600
2. Construct Meter Stop, Meter, and Meter Box on Existing Service at Front of House	\$1,591,200
3. Construct New 1" Water Service including Meter and Meter Box and Tie-in to Existing Service Line at Front of House	\$972,400
4. Construct On-site Plumbing to Tie-in New Water Service to Existing Plumbing at Rear of House	<u>\$1,056,000</u>
Subtotal	\$4,521,200
Contingencies 15%	\$678,180
Total	\$5,199,380
Preliminary Engineering and Environmental @ 25%	\$1,299,845
Construction Management @ 15%	\$779,907
Estimated Costs (rounded)	\$7,280,000

Source: General Information Package

Table 3B
Pinedale County Water District
Water Line CIP Plan

Street	From	To	Approx. Length (ft.)	Est. Cost
Los Altos	Effie	Clark	660	\$125,400
Diana	Magill	Los Altos	1,000	\$190,000
Magill	Effie	Diana	330	\$62,700
Birch	Thorne	Harrison	660	\$125,400
Farris	Locust	Spruce	420	\$79,800
Clark	Herndon	Los Altos	1,550	\$294,500
Herndon	Clark	Effie	420	\$79,800
Locust	Ingram	San Pablo	1,970	\$374,300
Total			7,010	\$1,331,900
15% contingencies				\$199,785
Subtotal				\$1,531,685
20% Engineering PS & E				\$306,337
Total costs for line replacements				\$1,838,022

10 - Year Annual Cost:	\$183,802
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Table 4A - District Cash Flow With Meter Project

Year End Cash	<u>2018/19</u>	<u>2019/20</u>		<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Cash	1,930,353	1,698,988		1,587,936	1,544,912	1,579,561	1,492,005	1,504,442	1,419,239	1,363,559	1,339,731	1,350,222	1,397,641
Temporary Investments	<u>460,355</u>	<u>471,188</u>		<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>
	2,390,708	2,170,176		2,059,124	2,016,100	2,050,749	1,963,193	1,975,630	1,890,427	1,834,747	1,810,919	1,821,410	1,868,829
Growth				0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Water Rate Increase				0.0%	8.5%	8.5%	8.5%	8.5%	8.5%	4.0%	4.0%	4.0%	4.0%
Operating Revenue	<u>2018/19</u>	<u>2019/20</u>		<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Water Sales	1,416,216	1,391,313		1,398,270	1,524,708	1,662,580	1,812,919	1,976,852	2,155,609	2,253,042	2,354,880	2,461,320	2,572,572
Sewer Usage	1,186,857	1,167,227		1,173,063	1,178,928	1,184,823	1,190,747	1,196,701	1,202,684	1,208,698	1,214,741	1,220,815	1,226,919
Disposal Sales and Service	143,368	145,825		145,825	145,825	145,825	145,825	145,825	145,825	145,825	145,825	145,825	145,825
Interest	10,386	10,965		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Other Income	<u>35,311</u>	<u>37,473</u>		<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>
	2,792,138	2,752,803		2,764,631	2,896,935	3,040,701	3,196,964	3,366,851	3,551,591	3,655,038	3,762,919	3,875,433	3,992,789
Direct Expenses, Year Ended	<u>2018/19</u>	<u>2019/20</u>	<u>Cost Escalation</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
City Sewer Charges	880,896	823,723	NA	879,797	884,196	888,617	893,060	897,526	902,013	906,523	911,056	915,611	920,189
Contracted Service Fees	140,584	155,674	3%	160,344	165,155	170,109	175,212	180,469	185,883	191,459	197,203	203,119	209,213
Engineering Fees	16,556	11,320	3%	11,660	12,009	12,370	12,741	13,123	13,517	13,922	14,340	14,770	15,213
Payroll Taxes	15,757	16,850	3%	17,356	17,876	18,412	18,965	19,534	20,120	20,723	21,345	21,985	22,645
Pension Expense	118,985	97,092	3%	100,005	103,005	106,095	109,278	112,556	115,933	119,411	122,993	126,683	130,484
Pumping	260,587	281,654	3%	290,104	298,807	307,771	317,004	326,514	336,310	346,399	356,791	367,495	378,519
Repairs and Maintenance	66,638	117,555	3%	121,082	124,714	128,456	132,309	136,278	140,367	144,578	148,915	153,383	157,984
Small Tools	172	1,464	3%	1,508	1,553	1,600	1,648	1,697	1,748	1,801	1,855	1,910	1,967
Supplies	45,124	45,715	3%	47,086	48,499	49,954	51,453	52,996	54,586	56,224	57,910	59,648	61,437
Transmission and Distribution	13,575	11,385	3%	11,727	12,078	12,441	12,814	13,198	13,594	14,002	14,422	14,855	15,300
Wages	201,440	221,460	3%	228,104	234,947	241,995	249,255	256,733	264,435	272,368	280,539	288,955	297,624
Water Treatment	<u>21,245</u>	<u>22,953</u>	3%	<u>23,642</u>	<u>24,351</u>	<u>25,081</u>	<u>25,834</u>	<u>26,609</u>	<u>27,407</u>	<u>28,229</u>	<u>29,076</u>	<u>29,948</u>	<u>30,847</u>
	1,781,559	1,806,845		1,892,413	1,927,190	1,962,901	1,999,573	2,037,234	2,075,912	2,115,639	2,156,446	2,198,363	2,241,423
General & Administrative, Year Ended	<u>2018/19</u>	<u>2019/20</u>	<u>Cost Escalation</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Auto and Truck	14,078	14,066	3%	14,488	14,923	15,370	15,831	16,306	16,796	17,299	17,818	18,353	18,904
Back Flow Test and Repair	323	294	3%	303	312	321	331	341	351	362	372	384	395
Bank Charges	19,560	18,644	3%	19,203	19,779	20,373	20,984	21,614	22,262	22,930	23,618	24,326	25,056
Computer	10,881	11,989	3%	12,349	12,719	13,101	13,494	13,899	14,315	14,745	15,187	15,643	16,112
Directors' Fees	6,600	6,800	3%	7,004	7,214	7,431	7,653	7,883	8,120	8,363	8,614	8,872	9,139
Dues and Subscriptions	26,080	31,698	3%	32,649	33,628	34,637	35,676	36,747	37,849	38,985	40,154	41,359	42,599
Equipment Repair and Rental	1,077	0	3%	0	0	0	0	0	0	0	0	0	0
Insurance - General	39,260	38,834	3%	39,999	41,199	42,435	43,708	45,019	46,370	47,761	49,194	50,670	52,190
Insurance - Health	167,760	159,511	3%	164,296	169,225	174,302	179,531	184,917	190,464	196,178	202,064	208,126	214,369
Maintenance Contract	13,453	15,692	3%	16,163	16,648	17,147	17,661	18,191	18,737	19,299	19,878	20,475	21,089
Miscellaneous	17,925	19,593	3%	20,181	20,786	21,410	22,052	22,714	23,395	24,097	24,820	25,564	26,331
Office Supplies	21,936	28,050	3%	28,892	29,758	30,651	31,571	32,518	33,493	34,498	35,533	36,599	37,697
Other Supplies	1,931	1,040	3%	1,071	1,103	1,136	1,171	1,206	1,242	1,279	1,317	1,357	1,398
Payroll Taxes	17,768	16,636	3%	17,135	17,649	18,179	18,724	19,286	19,864	20,460	21,074	21,706	22,357
Pension Expense	134,175	95,857	3%	98,733	101,695	104,746	107,888	111,125	114,458	117,892	121,429	125,072	128,824
Professional Fees	123,552	74,296	3%	76,525	78,821	81,185	83,621	86,129	88,713	91,375	94,116	96,939	99,848
Safety Equipment and Testing	628	245	3%	252	260	268	276	284	293	301	310	320	329
Seminars	11,152	5,044	3%	5,195	5,351	5,512	5,677	5,847	6,023	6,203	6,390	6,581	6,779
Telephone and Utilities	16,417	19,290	3%	19,869	20,465	21,079	21,711	22,362	23,033	23,724	24,436	25,169	25,924
Travel and Entertainment	700	0	3%	0	0	0	0	0	0	0	0	0	0
Wages	<u>220,783</u>	<u>218,603</u>	3%	<u>225,161</u>	<u>231,916</u>	<u>238,873</u>	<u>246,040</u>	<u>253,421</u>	<u>261,023</u>	<u>268,854</u>	<u>276,920</u>	<u>285,227</u>	<u>293,784</u>
	866,039	776,182		799,467	823,451	848,155	873,600	899,808	926,802	954,606	983,244	1,012,741	1,043,124
Total Operating Expenses	2,647,598	2,583,027		2,691,880	2,750,642	2,811,056	2,873,173	2,937,041	3,002,714	3,070,245	3,139,690	3,211,104	3,284,547

Net Operating Income	144,540	169,776	72,750	146,293	229,645	323,791	429,809	548,877	584,793	623,229	664,329	708,242
Non Operating Revenue	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Loan	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>7,280,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	0	0	0	0	0	7,280,000	0	0	0	0	0	0
Non Operating Expenses												
Legal Judgement	0	92,201	0	0	0	0	0	0	0	0	0	0
Projected Debt Service	0	0	0	0	0	210,502	210,502	421,003	421,003	421,003	421,003	421,003
Capital	<u>261,213</u>	<u>276,225</u>	<u>183,802</u>	<u>189,316</u>	<u>194,996</u>	<u>7,480,846</u>	<u>206,871</u>	<u>213,077</u>	<u>219,469</u>	<u>226,054</u>	<u>232,835</u>	<u>239,820</u>
	261,213	368,426	183,802	189,316	194,996	7,691,347	417,373	634,080	640,473	647,057	653,838	660,823
Net Income	-116,673	-198,650	-111,052	-43,024	34,649	-87,556	12,437	-85,204	-55,680	-23,827	10,491	47,419
Debt Service Coverage - Min 1.25x						1.54	2.04	1.30	1.39	1.48	1.58	1.68

Table 4B - District Cash Flow Without Meter Project

Year End Cash	<u>2018/19</u>	<u>2019/20</u>		<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Cash	1,930,353	1,698,988		1,586,936	1,486,702	1,400,024	1,328,764	1,274,913	1,240,602	1,228,109	1,239,864	1,278,463	1,346,675
Temporary Investments	<u>460,355</u>	<u>471,188</u>		<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>	<u>471,188</u>
	2,390,708	2,170,176		2,058,124	1,957,890	1,871,212	1,799,952	1,746,101	1,711,790	1,699,297	1,711,052	1,749,651	1,817,863
Growth				0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Water Rate Increase				0.0%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Operating Revenue	<u>2018/19</u>	<u>2019/20</u>		<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Water Sales	1,416,216	1,391,313		1,398,270	1,468,498	1,542,253	1,619,713	1,701,063	1,786,499	1,876,225	1,970,459	2,069,425	2,173,362
Sewer Usage	1,186,857	1,167,227		1,173,063	1,178,928	1,184,823	1,190,747	1,196,701	1,202,684	1,208,698	1,214,741	1,220,815	1,226,919
Disposal Sales and Service	143,368	145,825		145,825	145,825	145,825	145,825	145,825	145,825	145,825	145,825	145,825	145,825
Interest	10,386	10,965		9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Other Income	<u>35,311</u>	<u>37,473</u>		<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>	<u>37,473</u>
	2,792,138	2,752,803		2,763,631	2,839,724	2,919,374	3,002,758	3,090,062	3,181,481	3,277,221	3,377,498	3,482,538	3,592,579
Direct Expenses, Year Ended	<u>2018/19</u>	<u>2019/20</u>	<u>Cost Escalation</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
City Sewer Charges	880,896	823,723	NA	879,797	884,196	888,617	893,060	897,526	902,013	906,523	911,056	915,611	920,189
Contracted Service Fees	140,584	155,674	3%	160,344	165,155	170,109	175,212	180,469	185,883	191,459	197,203	203,119	209,213
Engineering Fees	16,556	11,320	3%	11,660	12,009	12,370	12,741	13,123	13,517	13,922	14,340	14,770	15,213
Payroll Taxes	15,757	16,850	3%	17,356	17,876	18,412	18,965	19,534	20,120	20,723	21,345	21,985	22,645
Pension Expense	118,985	97,092	3%	100,005	103,005	106,095	109,278	112,556	115,933	119,411	122,993	126,683	130,484
Pumping	260,587	281,654	3%	290,104	298,807	307,771	317,004	326,514	336,310	346,399	356,791	367,495	378,519
Repairs and Maintenance	66,638	117,555	3%	121,082	124,714	128,456	132,309	136,278	140,367	144,578	148,915	153,383	157,984
Small Tools	172	1,464	3%	1,508	1,553	1,600	1,648	1,697	1,748	1,801	1,855	1,910	1,967
Supplies	45,124	45,715	3%	47,086	48,499	49,954	51,453	52,996	54,586	56,224	57,910	59,648	61,437
Transmission and Distribution	13,575	11,385	3%	11,727	12,078	12,441	12,814	13,198	13,594	14,002	14,422	14,855	15,300
Wages	201,440	221,460	3%	228,104	234,947	241,995	249,255	256,733	264,435	272,368	280,539	288,955	297,624
Water Treatment	<u>21,245</u>	<u>22,953</u>	3%	<u>23,642</u>	<u>24,351</u>	<u>25,081</u>	<u>25,834</u>	<u>26,609</u>	<u>27,407</u>	<u>28,229</u>	<u>29,076</u>	<u>29,948</u>	<u>30,847</u>
	1,781,559	1,806,845		1,892,413	1,927,190	1,962,901	1,999,573	2,037,234	2,075,912	2,115,639	2,156,446	2,198,363	2,241,423
General & Administrative, Year Ended	<u>2018/19</u>	<u>2019/20</u>	<u>Cost Escalation</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Auto and Truck	14,078	14,066	3%	14,488	14,923	15,370	15,831	16,306	16,796	17,299	17,818	18,353	18,904
Back Flow Test and Repair	323	294	3%	303	312	321	331	341	351	362	372	384	395
Bank Charges	19,560	18,644	3%	19,203	19,779	20,373	20,984	21,614	22,262	22,930	23,618	24,326	25,056
Computer	10,881	11,989	3%	12,349	12,719	13,101	13,494	13,899	14,315	14,745	15,187	15,643	16,112
Directors' Fees	6,600	6,800	3%	7,004	7,214	7,431	7,653	7,883	8,120	8,363	8,614	8,872	9,139
Dues and Subscriptions	26,080	31,698	3%	32,649	33,628	34,637	35,676	36,747	37,849	38,985	40,154	41,359	42,599
Equipment Repair and Rental	1,077	0	3%	0	0	0	0	0	0	0	0	0	0
Insurance - General	39,260	38,834	3%	39,999	41,199	42,435	43,708	45,019	46,370	47,761	49,194	50,670	52,190
Insurance - Health	167,760	159,511	3%	164,296	169,225	174,302	179,531	184,917	190,464	196,178	202,064	208,126	214,369
Maintenance Contract	13,453	15,692	3%	16,163	16,648	17,147	17,661	18,191	18,737	19,299	19,878	20,475	21,089
Miscellaneous	17,925	19,593	3%	20,181	20,786	21,410	22,052	22,714	23,395	24,097	24,820	25,564	26,331
Office Supplies	21,936	28,050	3%	28,892	29,758	30,651	31,571	32,518	33,493	34,498	35,533	36,599	37,697
Other Supplies	1,931	1,040	3%	1,071	1,103	1,136	1,171	1,206	1,242	1,279	1,317	1,357	1,398
Payroll Taxes	17,768	16,636	3%	17,135	17,649	18,179	18,724	19,286	19,864	20,460	21,074	21,706	22,357
Pension Expense	134,175	95,857	3%	98,733	101,695	104,746	107,888	111,125	114,458	117,892	121,429	125,072	128,824
Professional Fees	123,552	74,296	3%	76,525	78,821	81,185	83,621	86,129	88,713	91,375	94,116	96,939	99,848
Safety Equipment and Testing	628	245	3%	252	260	268	276	284	293	301	310	320	329
Seminars	11,152	5,044	3%	5,195	5,351	5,512	5,677	5,847	6,023	6,203	6,390	6,581	6,779
Telephone and Utilities	16,417	19,290	3%	19,869	20,465	21,079	21,711	22,362	23,033	23,724	24,436	25,169	25,924
Travel and Entertainment	700	0	3%	0	0	0	0	0	0	0	0	0	0
Wages	<u>220,783</u>	<u>218,603</u>	3%	<u>225,161</u>	<u>231,916</u>	<u>238,873</u>	<u>246,040</u>	<u>253,421</u>	<u>261,023</u>	<u>268,854</u>	<u>276,920</u>	<u>285,227</u>	<u>293,784</u>
	866,039	776,182		799,467	823,451	848,155	873,600	899,808	926,802	954,606	983,244	1,012,741	1,043,124
Total Operating Expenses	2,647,598	2,583,027		2,691,880	2,750,642	2,811,056	2,873,173	2,937,041	3,002,714	3,070,245	3,139,690	3,211,104	3,284,547

Net Operating Income	144,540	169,776	71,750	89,082	108,318	129,585	153,020	178,767	206,976	237,809	271,434	308,032
Non Operating Revenue	<u>2018/19</u>	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>
Loan	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	0	0	0	0	0	0	0	0	0	0	0	0
Non Operating Expenses												
Legal Judgement	0	92,201	0	0	0	0	0	0	0	0	0	0
Capital	<u>261,213</u>	<u>276,225</u>	<u>183,802</u>	<u>189,316</u>	<u>194,996</u>	<u>200,846</u>	<u>206,871</u>	<u>213,077</u>	<u>219,469</u>	<u>226,054</u>	<u>232,835</u>	<u>239,820</u>
	261,213	368,426	183,802	189,316	194,996	200,846	206,871	213,077	219,469	226,054	232,835	239,820
Net Income	-116,673	-198,650	-112,052	-100,234	-86,678	-71,260	-53,851	-34,310	-12,494	11,755	38,599	68,212

Table 5
Pinedale County Water District
Water Rate Revenue Calculation

	<u>Count</u>	<u>Rate</u>	<u>Annual Revenue</u>	<u>Proposed Rates</u>	<u>Revenue</u>
Total UNMETERED RESIDENTIAL ACCOUNTS:	1,879				
Total UNMETERED COMMERCIAL ACCOUNTS:	105	\$23.84	\$30,038	\$23.84	\$30,034
Total UNMETERED COMMERCIAL LANDSCAPE ACCOUNTS:	5	\$23.87	\$1,432	\$23.84	\$1,430
Total RESIDENTIAL ESU'S :	3,730	\$23.84	<u>\$1,067,078</u>	\$23.84	<u>\$1,066,909</u>
			\$1,098,549		\$1,098,373
COMMERCIAL-DOMESTIC					
<u>Meter Size</u>	<u># of accounts</u>				
¾"	5	\$23.84	\$1,430	\$18.28	\$1,097
1"	22	\$23.84	\$6,294	\$18.28	\$4,825
1 ½"	34	\$26.95	\$10,996	\$36.55	\$14,913
2"	72	\$39.39	\$34,033	\$58.48	\$50,529
3"	12	\$55.98	\$8,061	\$109.65	\$15,790
4"	<u>3</u>	<u>\$72.57</u>	<u>\$2,613</u>	<u>\$182.76</u>	<u>\$6,579</u>
	148		\$63,426		\$93,732
COMMERCIAL-LANDSCAPE					
<u>Meter Size</u>	<u># of accounts</u>				
¾"	1	\$23.84	\$286	\$18.28	\$219
1"	5	\$23.84	\$1,430	\$18.28	\$1,097
1 ½"	11	\$26.95	\$3,557	\$36.55	\$4,825
2"	<u>33</u>	<u>\$39.39</u>	<u>\$15,598</u>	<u>\$58.48</u>	<u>\$23,159</u>
	50		\$20,872		\$29,300
FIRE LINES:					
COMMERCIAL—UNMETERED ACCOUNTS					
<u>Meter Size</u>	<u># of accounts</u>				
2"	3	\$12.96	\$467	\$11.70	\$421
4"	12	\$14.00	\$2,016	\$36.55	\$5,263
6"	22	\$19.02	\$5,021	\$73.10	\$19,299
8"	<u>6</u>	<u>\$24.04</u>	<u>\$1,731</u>	<u>\$116.96</u>	<u>\$8,421</u>
	43		\$9,235		\$33,405
Commercial Volumetric Charges					
<u>Commercial Usage (hcf)</u>	<u>Billed (hcf)</u>			<u>All Use Rate (HCF)</u>	
272,161	254,838	\$0.84	\$214,064	\$0.56	\$151,337
			\$1,406,146		\$1,406,146

Table 6
Pinedale County Water District
Meter Charge Calculation

<u>AWWA (capacity)</u>	<u>Factor based on 1"</u>	<u># Units</u>	<u># Fireline</u>	<u>AWWA 1" Equiv Units</u>		<u>Rate</u>	<u>Fireline</u>
				<u>Req</u>	<u>Fireline (20%)</u>		
5/8 inch	1	0		0	0	\$18.28	
3/4 inch	1	6		6	0	\$18.28	
1 inch	1	3,867		3,867	0	\$18.28	
1-1/2 inch	2	45		90	0	\$36.55	
2 inch	3.2	105	3	336	2	\$58.48	\$11.70
3 inch	6	12		72	0	\$109.65	\$21.93
4 inch	10	3	12	30	24	\$182.76	\$36.55
6 inch	20	0	22	0	88	\$365.51	\$73.10
8 inch	32	<u>0</u>	<u>6</u>	<u>0</u>	<u>38</u>	\$584.82	\$116.96
		4,038	43	4,401	152		
Total Equivs		4,553					
Annual Fixed Revenue Req		\$998,578					
\$/Customer/Month		\$18.28					

Table 7A

Pinedale County Water District

Proposed Rates Scenario 1 - Pay for Meter Project*

	<u>Current Rates*</u>	<u>Proposed Rates</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>
\$/Month Increase			\$2.03	\$2.20	\$2.39	\$2.59	\$2.81
Unmetered Commercial	\$23.84	\$23.84	\$25.86	\$28.06	\$30.45	\$33.03	\$35.84
Unmetered Landscape	\$23.87	\$23.84	\$25.86	\$28.06	\$30.45	\$33.03	\$35.84
Unmetered Residential, Per ESU	\$23.84	-	-	-	-	-	-
Unmetered Single Family Residential Per Lot							
0 through 5,000 Square Foot Lot		\$21.01	\$22.79	\$24.73	\$26.83	\$29.11	\$31.59
5,001 through 7,000 Square Foot Lot		\$22.43	\$24.34	\$26.41	\$28.66	\$31.09	\$33.73
7,001 through 11,000 Square Foot Lot		\$23.94	\$25.97	\$28.18	\$30.57	\$33.17	\$35.99
11,001 through 17,000 Square Foot Lot		\$25.83	\$28.03	\$30.41	\$33.00	\$35.80	\$38.84
Over 17,000 Square Foot Lot		\$32.06	\$34.78	\$37.74	\$40.94	\$44.42	\$48.20
Unmetered Multi Unit Residential							
Per Unit		\$16.00	\$17.36	\$18.83	\$20.43	\$22.17	\$24.05
Per Square 1K Foot of Lot Size		\$2.71	\$2.94	\$3.19	\$3.46	\$3.75	\$4.07
All Metered Users							
Metered Residential, Per ESU	\$23.84	\$18.28	\$19.83	\$21.51	\$23.34	\$25.33	\$27.48
Non Residential, by Meter Size							
¾"	\$23.84	\$18.28	\$19.83	\$21.51	\$23.34	\$25.33	\$27.48
1"	\$23.84	\$18.28	\$19.83	\$21.51	\$23.34	\$25.33	\$27.48
1 ½"	\$26.95	\$36.55	\$39.66	\$43.03	\$46.69	\$50.65	\$54.96
2"	\$39.39	\$58.48	\$63.45	\$68.85	\$74.70	\$81.05	\$87.94
3"	\$55.98	\$109.65	\$118.97	\$129.09	\$140.06	\$151.96	\$164.88
4"	\$72.57	\$182.76	\$198.29	\$215.15	\$233.43	\$253.27	\$274.80
Fire Lines:							
Meter Size							
2"	\$12.96	\$11.70	\$12.69	\$13.77	\$14.94	\$16.21	\$17.59
4"	\$14.00	\$36.55	\$39.66	\$43.03	\$46.69	\$50.65	\$54.96
6"	\$19.02	\$73.10	\$79.32	\$86.06	\$93.37	\$101.31	\$109.92
8"	\$24.04	\$116.96	\$126.91	\$137.69	\$149.40	\$162.10	\$175.87
Volumetric Charges							
All Use Rate (HCF)		\$0.56	\$0.60	\$0.65	\$0.71	\$0.77	\$0.84
Rate, 10 HCF Allotment	\$0.84						

*Additional \$0.91 per month per account charge for meter reading recommended when meters are installed

**Current commercial volumetric rates include first 10 HCF. Proposed rates eliminate allowance and charge each unit of water

Table 7B**Pinedale County Water District****Proposed Rates Scenario 2 - No Meter Project Cost**

	<u>Current Rates*</u>	<u>Proposed Rates</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>
\$/Month Increase			\$1.07	\$1.12	\$1.17	\$1.22	\$1.28
Unmetered Commercial	\$23.84	\$23.84	\$24.91	\$26.03	\$27.20	\$28.43	\$29.70
Unmetered Landscape	\$23.87	\$23.84	\$24.91	\$26.03	\$27.20	\$28.43	\$29.70
Unmetered Residential, Per ESU	\$23.84	-	-	-	-	-	-
Unmetered Single Family Residential Per Lot							
0 through 5,000 Square Foot Lot		\$21.01	\$21.95	\$22.94	\$23.97	\$25.05	\$26.18
5,001 through 7,000 Square Foot Lot		\$22.43	\$23.44	\$24.50	\$25.60	\$26.75	\$27.96
7,001 through 11,000 Square Foot Lot		\$23.94	\$25.01	\$26.14	\$27.32	\$28.54	\$29.83
11,001 through 17,000 Square Foot Lot		\$25.83	\$27.00	\$28.21	\$29.48	\$30.81	\$32.19
Over 17,000 Square Foot Lot		\$32.06	\$33.50	\$35.01	\$36.58	\$38.23	\$39.95
Unmetered Multi Unit Residential							
Per Unit		\$16.00	\$16.72	\$17.47	\$18.25	\$19.08	\$19.93
Per Square 1K Foot of Lot Size		\$2.71	\$2.83	\$2.96	\$3.09	\$3.23	\$3.37
All Metered Users							
Metered Residential, Per ESU	\$23.84	\$18.28	\$19.10	\$19.96	\$20.86	\$21.79	\$22.77
<u>Non Residential, by Meter Size</u>							
¾"	\$23.84	\$18.28	\$19.10	\$19.96	\$20.86	\$21.79	\$22.77
1"	\$23.84	\$18.28	\$19.10	\$19.96	\$20.86	\$21.79	\$22.77
1 ½"	\$26.95	\$36.55	\$38.20	\$39.91	\$41.71	\$43.59	\$45.55
2"	\$39.39	\$58.48	\$61.11	\$63.86	\$66.74	\$69.74	\$72.88
3"	\$55.98	\$109.65	\$114.59	\$119.74	\$125.13	\$130.76	\$136.65
4"	\$72.57	\$182.76	\$190.98	\$199.57	\$208.56	\$217.94	\$227.75
<u>Fire Lines:</u>							
<u>Meter Size</u>							
2"	\$12.96	\$11.70	\$12.22	\$12.77	\$13.35	\$13.95	\$14.58
4"	\$14.00	\$36.55	\$38.20	\$39.91	\$41.71	\$43.59	\$45.55
6"	\$19.02	\$73.10	\$76.39	\$79.83	\$83.42	\$87.18	\$91.10
8"	\$24.04	\$116.96	\$122.23	\$127.73	\$133.48	\$139.48	\$145.76
<u>Volumetric Charges</u>							
All Use Rate (HCF)		\$0.56	\$0.58	\$0.61	\$0.63	\$0.66	\$0.69
Rate, 10 HCF Allotment	\$0.84						

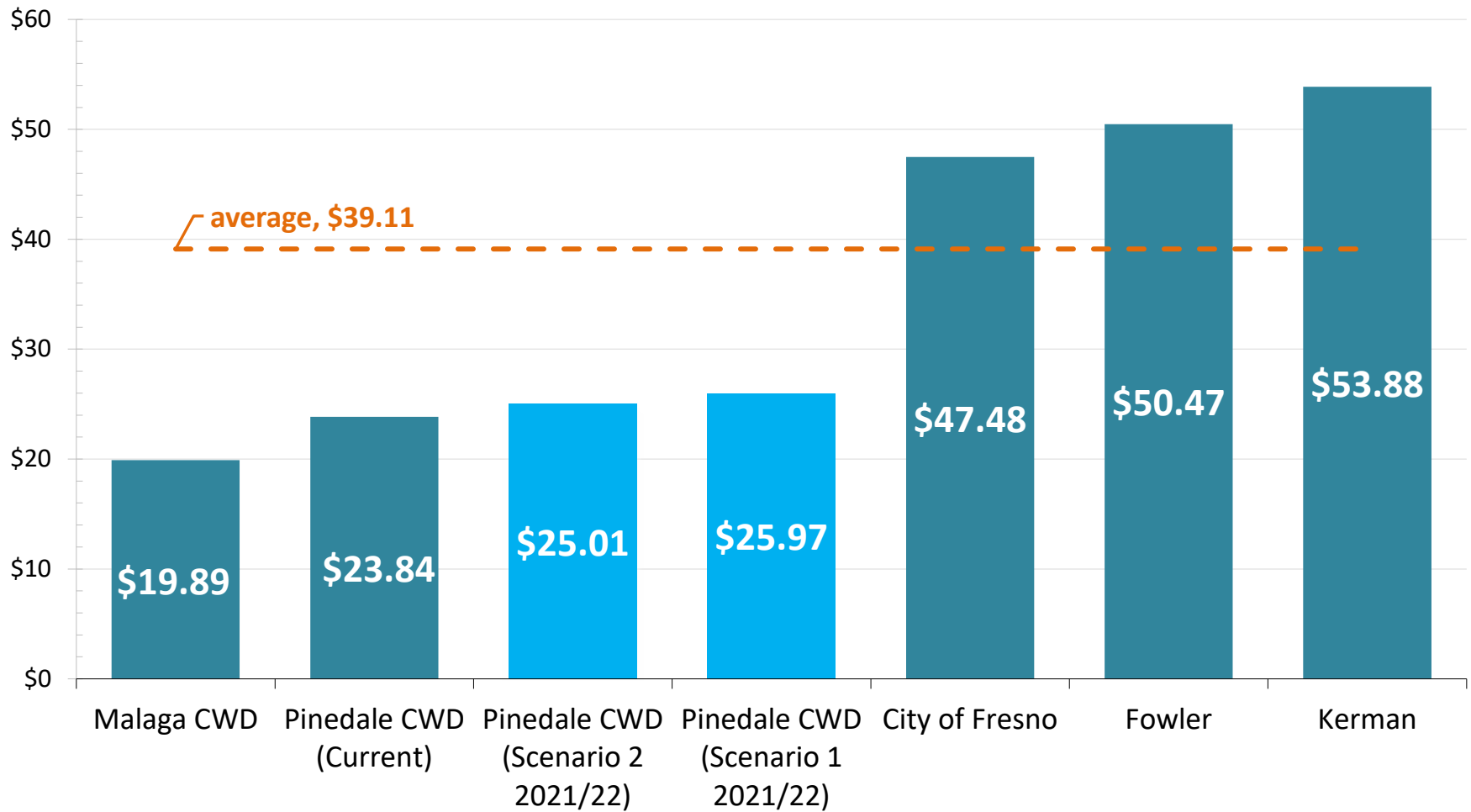
*Additional \$0.91 per month per account charge for meter reading recommended when meters are installed

**Current commercial volumetric rates include first 10 HCF. Proposed rates eliminate allowance and charge each unit of water

Table 8
Pinedale County Water District
Water Bill Projections

	Use (hcf)	Monthly Fixed Charge	Monthly Volumetric Charge	Monthly Total Bill	2021/22	2022/23	2023/24	2024/25	2025/26
Proposed Rates Scenario 1 - Pay for Meter Project					<i>projected monthly bills (recommended increases)</i>				
					8.5%	8.5%	8.5%	8.5%	8.5%
<u>Single Family Residences (Unmetered)</u>									
0 through 5,000 Square Foot Lot	-		\$0.00	\$21.01	\$22.79	\$24.73	\$26.83	\$29.11	\$31.59
5,001 through 7,000 Square Foot Lot	-		\$0.00	\$22.43	\$24.34	\$26.41	\$28.66	\$31.09	\$33.73
7,001 through 11,000 Square Foot Lot	-		\$0.00	\$23.94	\$25.97	\$28.18	\$30.57	\$33.17	\$35.99
11,001 through 17,000 Square Foot Lot	-		\$0.00	\$25.83	\$28.03	\$30.41	\$33.00	\$35.80	\$38.84
Over 17,000 Square Foot Lot	-		\$0.00	\$32.06	\$34.78	\$37.74	\$40.94	\$44.42	\$48.20
<u>Single Family Residences (Metered)</u>									
Minimum	0	\$18.28	\$0.00	\$18.28	\$19.83	\$21.51	\$23.34	\$25.33	\$27.48
25th percentile	7	\$18.28	\$3.89	\$22.17	\$24.05	\$26.10	\$28.32	\$30.72	\$33.33
Median	17	\$18.28	\$9.45	\$27.73	\$30.09	\$32.64	\$35.42	\$38.43	\$41.69
75th percentile	30	\$18.28	\$16.68	\$34.96	\$37.93	\$41.15	\$44.65	\$48.45	\$52.56
90th percentile	52	\$18.28	\$28.91	\$47.19	\$51.20	\$55.55	\$60.28	\$65.40	\$70.96
Proposed Rates Scenario 2 - No Meter Project Cost					<i>projected monthly bills (recommended increases)</i>				
					4.5%	4.5%	4.5%	4.5%	4.5%
<u>Single Family Residences (Unmetered)</u>									
0 through 5,000 Square Foot Lot	-		\$0.00	\$21.01	\$21.95	\$22.94	\$23.97	\$25.05	\$26.18
5,001 through 7,000 Square Foot Lot	-		\$0.00	\$22.43	\$23.44	\$24.50	\$25.60	\$26.75	\$27.96
7,001 through 11,000 Square Foot Lot	-		\$0.00	\$23.94	\$25.01	\$26.14	\$27.32	\$28.54	\$29.83
11,001 through 17,000 Square Foot Lot	-		\$0.00	\$25.83	\$27.00	\$28.21	\$29.48	\$30.81	\$32.19
Over 17,000 Square Foot Lot	-		\$0.00	\$32.06	\$33.50	\$35.01	\$36.58	\$38.23	\$39.95
<u>Single Family Residences (Metered)</u>									
Minimum	0	\$18.28	\$0.00	\$18.28	\$19.10	\$19.96	\$20.86	\$21.79	\$22.77
25th percentile	7	\$18.28	\$3.89	\$22.17	\$23.17	\$24.21	\$25.30	\$26.44	\$27.63
Median	17	\$18.28	\$9.45	\$27.73	\$28.98	\$30.28	\$31.64	\$33.07	\$34.55
75th percentile	30	\$18.28	\$16.68	\$34.96	\$36.53	\$38.17	\$39.89	\$41.69	\$43.56
90th percentile	52	\$18.28	\$28.91	\$47.19	\$49.31	\$51.53	\$53.85	\$56.28	\$58.81

Single Family Residential Monthly Water Rate Survey (17 HCF)



*assumes 17 hcf monthly usage and 8,000 square foot lot